

INDEX of TIM Dual-Use platform

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How to read the TIM Dual-Use Index

The Index is composed by the headings and three columns displaying the “EU Dual-Use Control List” **control codes** and the corresponding TIM DU’s **spaces**, **datasets** and **queries’ keywords**.

- Each heading indicates the name of the TIM DU **space** (one of the ten categories of the EU Dual-Use Control List, or an emerging technology) containing the item.s which refer to the control code.
- The first column on the left specifies the TIM DU **dataset** (contained in the TIM DU space indicated by the heading) related to the *control code*. These datasets correspond approximately to a specific dual-use item or a group of them.
- The second column contains the **query’s keywords** on which the search algorythm of each dataset is based. These keywords are related to the EU dual-use control list text, as well as emerging technologies, with their scientific and technical synonyms.
- Finally, the third column lists the EU dual-use control list’s **control code.s** of the specific item.s contained in the TIM DU platform (this field is empty for emerging technologies).

On the basis of a control code, the name of the dual-use item, or some keywords, this Index will help to perform structural searches through the TIM Dual-Use platform, either by:

- choosing the heading corresponding to the name of a controlled category, or emerging technology (“Space”), to get an overview of the items and related topics (“datasets”) covered by that “space”;
- using the control code number of an item to identify in the Index second column which dataset contains data related to that code.
- looking for the name of a dual-use item, or topic (“query’s keyword”), to identify in which TIM DU space and datasets it is possible to find data related to this item or topic;

The Index can also be navigated by word search (“ctrl” + “F” – keyboard shortcut of “Find” option) to look for specific keywords, topics or control codes and identify the corresponding relevant TIM DU Space and Dataset.

A screenshot of the TIM DU dashboard interface. On the left, there's a sidebar with a yellow box labeled "Spaces" containing two sections: "Technologies related to the EU dual-use control list's categories:" and "Emerging technologies:". The "Categories" section lists: Cat.0 Nuclear Material, Facilities and Equipment; Cat.1 Pathogens; Cat.1 Special Materials and Related Equipment; Cat.2 Material Processing; Cat.3 Electronics; Cat.4 Computers; Cat.5 Telecommunications and Information Security; Cat.6 Sensors and Lasers; Cat.7 Navigation and Avionics; Cat.8 Marine; Cat.9 Aerospace and Propulsion; and Global Dual-Use Queries. The "Emerging technologies:" section lists: Additive Manufacturing, Artificial Intelligence, Biotechnology; Blockchain, Cyber-Surveillance, Nanotechnology; Quantum Technology, and Smart Materials.

Once obtained the necessary *space* and *dataset* information, it is easy to enter the TIM DU dashboard performing the relevant choices.

https://knowledge4policy.ec.europa.eu/text-mining/tim-dual-use_en

A screenshot of the TIM DU dashboard showing a dataset. At the top, there are three boxes: "Space" pointing to "Cat. 1 - SPECIAL MATERIALS AND RELATED EQUIPMENT (P)", "Query's keywords" pointing to a search bar with the text "Boron", and "Datasets" pointing to a list of datasets. The "Dataset Info" section shows a pie chart of document type distribution (Articles: 50%, Book chapter: 20%, Conference proceedings: 10%, Book project: 10%, Thesis: 10%) and a line graph of yearly distribution from 2008 to 2018. The "Documents" section lists various documents related to Boron, such as "Boron neutron capture therapy", "Antidioped boronized without encapsulation", "Characteristics of using a polymeric boron neutron capture agent", "Application of boron isotopes and compounds in the field of nuclear energy", and "The synthesis of boron neutron capture agents based on boron-10". The right side of the screen shows a sidebar with "FILTERS" and "ORDER" buttons, and a list of countries under "Publ.".

CAT. 0 - NUCLEAR MATERIAL, FACILITIES AND EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Aerodynamic separation nozzles-tube	<ul style="list-style-type: none"> • Aerodynamic • Uranium • Enrichment 	<ul style="list-style-type: none"> • OB001.d.
Chemical exchange separation equipment	<ul style="list-style-type: none"> • Uranium Chemical Exchange • Uranium Solvent Extraction • Uranium • Enrichment • Separation • Chemical exchange • Solvent extraction • PEREX 	<ul style="list-style-type: none"> • OB001.e.
Conversion plants Plutonium	<ul style="list-style-type: none"> • Conversion • Reprocessing • Fuel • Fuel-cycle • Plutonium • Plutonium dioxide • Plutonium nitrate • Plutonium metal 	<ul style="list-style-type: none"> • OB007
Conversion plants Uranium	<ul style="list-style-type: none"> • Conversion • Uranium • UF6 • UO2 • UO3 • UF4 • Fuel • Fuel-cycle 	<ul style="list-style-type: none"> • OB003
Cooling system	<ul style="list-style-type: none"> • Cooling system • Nuclear reactor • Primary • Heat-exchange 	<ul style="list-style-type: none"> • OA001
Criticality safe tanks & vessels	<ul style="list-style-type: none"> • Dissolvers • Storage Vessel • Storage Tank 	<ul style="list-style-type: none"> • OB006.c. • OB006.e.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Spent Fuel • Irradiated Nuclear 	
Electromagnetic isotope separators	<ul style="list-style-type: none"> • Electromagnetic • Isotope • Separation • Uranium • Calutron • Enrichment • UF6 • Ion Source 	<ul style="list-style-type: none"> • OB001.j.
Enrichment by Gaseous Diffusion	<ul style="list-style-type: none"> • Gaseous Diffusion • Uranium • UF6 • Compressor • Centrifugal Blowers • Gas Blowers • Nuclear • Isotope Separation • Enrichment • Copper • Stainless steel • Aluminium • Nickel • Fluorinated hydrocarbon polymers 	<ul style="list-style-type: none"> • OB001.b. • OB001.c.
Fast Neutron Reactors	<ul style="list-style-type: none"> • Reactor • Fast Neutron • FNR • Fast Breeder • FBR • Liquid Metal Cooled • LMCR • Molten Salt • MSR • Gas Cooled Fast • GCFR • Lead-cooled • Fast cooled 	<ul style="list-style-type: none"> • OA001

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Reduced Moderation Water • RMWR 	
Flasks for irradiated fuel	<ul style="list-style-type: none"> • Flask • Cask • Irradiated Fuel • Spent Fuel 	<ul style="list-style-type: none"> • OB006
Gas centrifuge	<ul style="list-style-type: none"> • Gas Centrifuge • Uranium • UF6 • Hexafluoride Gas • Isotope separation • Molecular Pump • Nuclear Reactor • Nuclear Power • Enrichment • Motor Stators • Dampers • Scoops • Magnetic Bearing • Bearing Assembly • Centrifuge Housing • Rotor Tube • Bellows • Centrifuge Housing 	<ul style="list-style-type: none"> • OB001.a. • OB001.b.
Heavy Water or Deuterium	<ul style="list-style-type: none"> • Hydrogen Isotope Separation • Hydrogen Isotope Enrichment • Heavy Water • D2o • Deuterium • Hydrogen Water • Hydrogen Sulphide • Water Hydrogen • Cascade • Girdler Sulfide 	<ul style="list-style-type: none"> • OB004 • OC003
Hot Cells	<ul style="list-style-type: none"> • Hot Cells 	

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Remote Manipulators • Lead Glass • Spent Fuel • Irradiated Fuel 	
Laser-based isotopes separation	<ul style="list-style-type: none"> • Atomic Vapour Laser • Molecular Laser • MLIS • AVLIS • Isotope Separation • Uranium • F6 • Enrichment 	<ul style="list-style-type: none"> • OB001.a. • OB001.g. • OB001.h.
Nuclear Grade Graphite	<ul style="list-style-type: none"> • Graphite • Nuclear Grade • Boron • Nuclear Reactor • Nuclear Plant • Nuclear Power 	<ul style="list-style-type: none"> • OC004
Reactor control rods	<ul style="list-style-type: none"> • Control Rods • Nuclear • Reactor • CRDM • Control Rod Drive Mechanism • Neutron-Absorbing • Nuclear Reactor • Nuclear Power • Nuclear Facility 	<ul style="list-style-type: none"> • OA001.d.
Reprocessing of nuclear fuel	<ul style="list-style-type: none"> • Reprocessing • Pyroprocessing • Plutonium • Uranium • Spent fuel • Reactor waste • PUREX • UREX • UNEX • TRUEX 	<ul style="list-style-type: none"> • OB006

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Tributyl phosphate • Tributylphosphate • TBP 	
Seals	<ul style="list-style-type: none"> • Seal • Bellows • Metal Gasket Seal • Rotary Shaft Seal 	<ul style="list-style-type: none"> • 0B001.c.4 • 0B001.d.3 • 0B001.h.3.
Thermal Neutron Reactors	<ul style="list-style-type: none"> • Reactor • Nuclear • Uranium • UF6 • Pressurised Water • PWR • Boiling Water • BWR • Gas Cooled • GCR • Graphite Moderated • Pressurized Heavy Water • PHWR • Advanced Heavy Water • AHWR • Supercritical Water • SCWR • Liquid Fluoride Thorium • LFTR • Aqueous Homogeneous • AHR • Small Modular • SMR • Pool-Type 	<ul style="list-style-type: none"> • 0A001
Tritium	<ul style="list-style-type: none"> • Tritium • Production • Recovery • Extraction • Concentration • Retention • Tritium Processing 	<ul style="list-style-type: none"> • 1B231

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Hydrogen Isotope Exchange Reaction 	
Uranium & Thorium	<ul style="list-style-type: none"> • Uranium Nuclear • Depleted Uranium • Thorium • Nuclear • Fission 	<ul style="list-style-type: none"> • 0C001
Uranium Isotopes separation	<ul style="list-style-type: none"> • Isotope Separation • Atomic Vapour Laser • Plasma Separation • Aerodynamic Separation • Ion-Exchange Separation • Electromagnetic Separation • Gas Centrifuge • Chemical Exchange • Gaseous Diffusion • Uranium • Uf6 	<ul style="list-style-type: none"> • OB001.a.
Uranium plasma generation system	<ul style="list-style-type: none"> • Uranium Plasma • Generation 	<ul style="list-style-type: none"> • OB001.i.3.
Vacuum pumps	<ul style="list-style-type: none"> • Vacuum • Pump • Vacuum System • Manifolds • Headers • Uranium • Isotope Separation • UF6 • Gas Centrifuge 	<ul style="list-style-type: none"> • OB002.f.
Zirconium tubes	<ul style="list-style-type: none"> • Zirconium Tubes • Zirconium • Zircaloy • Uranium Dioxide • UO2 	<ul style="list-style-type: none"> • OA001.f.

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

- SPECIAL MATERIALS AND RELATED EQUIPMENT (excl. pathogens)

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Beryllium	<ul style="list-style-type: none">• Beryllium• Reflector• Nuclear Reactor• Neutrons Scatter	<ul style="list-style-type: none">• 1C230
Boron	<ul style="list-style-type: none">• Boron-10• Neutron Absorption• Nuclear Reactor• Water Reactor• Control Rods	<ul style="list-style-type: none">• 1C011.b.• 1C225
Calcium	<ul style="list-style-type: none">• Calcium• Uranium• Plutonium• High purity• Conversion	<ul style="list-style-type: none">• 1C227
Catalysts for D2O or Tritium production	<ul style="list-style-type: none">• Platinum Catalyst• Platinized Catalyst• Platinum-Catalyzed• Catalytic Membrane• Palladium Catalyst• Rhodium Catalyst• Palladium• Rhodium• Platinum• Heavy Water• D2O• Tritium Recovery• Tritium Separation• Tritium Production• Tritiated Water• Hydrogen Isotope Exchange	<ul style="list-style-type: none">• 1A225
Ceramic materials 1C007	<ul style="list-style-type: none">• Titanium Diboride• Tib2• Powder	<ul style="list-style-type: none">• 1C007

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Aluminium Oxide • Al2O3 • Silicon Nitride • Si-N • Silicon Carbon Nitrate • Si-C-N • Silicon Carbide • Silicon Alumina • Ceramic fibres • Ceramic fibers • Zirconium Carbide • Zirconium Nitride • Boron Carbide • Boron Nitride • Polysilazanes • Polycarbosilazanes • Nickel Aluminides • Titanium Aluminides • Polysilazanes • Organosilicon Compounds • Aerospace • Rocket Motor • Rocket Engine • Gas Turbines • Body Armour • Space Shuttle • Spacecraft • Launch Vehicle • Landing Gear • Carrier Rock 	
Ceramic materials 1C107	<ul style="list-style-type: none"> • Ceramic • Ceramic composite • Silicon-carbide • Carbon fiber reinforced carbon • Carbon fibre reinforced carbon • Reinforced carbon-carbon • Ultra high temperature • UHTC • Rocket Nozzle 	<ul style="list-style-type: none"> • 1C107

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Reentry Vehicle • Re-Entry Vehicle • MARV • Heat Shield • Thermal Protection Systems • Missile • Space Launch Vehicle • Carrier Rocket • Spacecraft • Space Shuttle • Sounding Rocket • Research Rocket 	
Chlorine trifluoride	<ul style="list-style-type: none"> • Chlorine trifluoride 	<ul style="list-style-type: none"> • 1C238
Composites production equipment	<ul style="list-style-type: none"> • Composites Production Equipment • Filament Winding Machine • Fiber Placement Machine • Tape-Laying Machine • Filament Winding • Tape-Laying • Axis • Axes 	<ul style="list-style-type: none"> • 1B001.a. • 1B001.b. • 1B101 • 1B201
Electrolytic cells	<ul style="list-style-type: none"> • Fluorine Electrolytic Cells 	<ul style="list-style-type: none"> • 1B225
Electromagnetic isotope separator	<ul style="list-style-type: none"> • Electromagnetic Isotope Separator 	<ul style="list-style-type: none"> • 1B226
Explosive detonators & charges	<ul style="list-style-type: none"> • Exploding Bridge • Exploding Foil • Slapper • Detonator • Initiator • Igniter • Linear Shaped Charge • Detonating Cord 	<ul style="list-style-type: none"> • 1A007 • 1A008
Fibrous or filamentary materials	<ul style="list-style-type: none"> • Launch Vehicle • Spacecraft 	<ul style="list-style-type: none"> • 1C010 • 1A003

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Rocket • Aerospace • Gas centrifuges • P-Aramids • Para-Aramids • Kevlar • Twaron • Carbon Fiber • Carbon Fibre • Carbon Fibrous • Carbon Coated • Glass fiber • Glass fibre • Resin Impregnated • Pitch Based • Epoxy Prepregs • Epoxy Resin • Polyepoxides • Polyimides • Bismaleimides • Aromatic Polyimides • Aromatic Polyetherimides • Fiber • Filament • Tensile strength • Filament winding machine • Filament bundles • Tows • Rovings • Yarns • Strands • Tape • Centrifuge • Nuclear • Rotor 	
Fluorinated compounds	<ul style="list-style-type: none"> • Fluorinated Polyimides • Fluorinated Phosphazenes 	<ul style="list-style-type: none"> • 1C009
Graphite 1C107	<ul style="list-style-type: none"> • Graphite • Rocket Nozzle • Reentry Vehicle 	<ul style="list-style-type: none"> • 1C107

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Re-Entry Vehicle • MARV • Heat Shield • Thermal Protection Systems • Missile • Space Launch Vehicle • Carrier Rocket • Spacecraft • Space Shuttle • Sounding Rocket • Research Rocket 	
Hafnium metal	<ul style="list-style-type: none"> • Hafnium • Metal 	<ul style="list-style-type: none"> • 1C231
High explosive containment chamber	<ul style="list-style-type: none"> • High Explosive Containment • High Explosive Chamber 	<ul style="list-style-type: none"> • 1B234
Hydrogen isotope separation equipment	<ul style="list-style-type: none"> • Hydrogen Cryogenic Distillation • Girdler Sulfide • Exchange Tower • Exchange Process • Hydrogen • Deuterium • Tritium • Liquid Ammonia • Sulfide • Sulphide • Heavy Water • Gas • Liquid • Circulating Pump 	<ul style="list-style-type: none"> • 1B228 • 1B231
Improvised explosive devices disruptors	<ul style="list-style-type: none"> • Explosive • Disruptor • Ordnance Disposal • Remotely operated vehicles • Vehicle-borne IED 	<ul style="list-style-type: none"> • 1A006

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Disruptors • Projectile • Liquid • Solid • Frangible • Water jet • Waterjet • EOD vehicle 	
Lithium isotope separation equipment	<ul style="list-style-type: none"> • Lithium-6 Enrichment • Li-6 Enrichment • Lithium-7 Enrichment • Li-7 Enrichment • Lithium Isotope Enrichment • Lithium Amalgam • Lithium Hydroxide • Lioh • Evaporator • Lithium • Light Water • Nuclear Weapon • Ion Exchange • Chemical Exchange • Lithium Isotope • Lithium Isotope Separation • Isotopic Separation Lithium • Li6 • Li7 • Lithium • Fusion Power • Fusion Reaction • Tritium • Tritium Processing System 	<ul style="list-style-type: none"> • 1B233 • 1B235
Lubricating materials	<ul style="list-style-type: none"> • Lubricating Materials • Lubricant • Damping • Phenylene • Thio-Ethers • Fluorinated Silicone • PCTFE 	<ul style="list-style-type: none"> • 1C006

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Polytrifluorochloroethylene • Dibromotetrafluoroethane • Halon 2402 • Polybromotrifluoroethylene • Perfluoropolyalkylether-triazines • Perfluoroaliphatic-ethers • Perfluoroalkylamines • Perfluorocycloalkanes • Perfluoroalkanes 	
Magnetic metals	<ul style="list-style-type: none"> • Magnetostrictive Alloy • Nanocrystalline Alloy • Iron • Cobalt • Nickel 	<ul style="list-style-type: none"> • 1C003
Metal alloys	<ul style="list-style-type: none"> • Titanium-stabilized duplex stainless steel • Ti-DSS • Nickel alloy • Nickel aluminides • Titanium aluminides • Titanium alloys • Maraging steel • Niobium alloys • Inconel • Monel • Zircaloy • Tungsten • Molybdenum • Superalloy • Resistant corrosion • Chemical resistance • Strain strength • Tensile strength • Production • Equipment • Missile • Rocket 	<ul style="list-style-type: none"> • 1C002

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Aerospace • Aluminum alloy • Series • 7000 • 8000 • 7039 • 7150 • 8019 	
Metal powder production equipment	<ul style="list-style-type: none"> • Propellant • Metal powder • Metallic particles • Metallic powders • Spherical particles • Electroburst • Plasma generator • Pyrometallurgical • Electrolytic refining • Chemical refining • Atomisation furnace • Splat quenching • Rotary atomization • Electrolytic bath • Melt spinning 	<ul style="list-style-type: none"> • 1B102
Mixer and mills	<ul style="list-style-type: none"> • Mixer • Under vacuum • Batch • Continuous • Fluid energy mills • Material 	<ul style="list-style-type: none"> • 1B117 • 1B118 • 1B119
Other technology	<ul style="list-style-type: none"> • Polybenzothiazoles • Polybenzoxazoles • Development • Production • Fluoroelastomer • Vinylether monomer • Ceramic powder • Oxides of zirconium • Zirconium oxide • Complex oxides of silicon 	<ul style="list-style-type: none"> • 1E002

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Complex silicon oxide • Complex oxides of aluminium • Complex aluminium oxide • Single nitrides of boron • Single boron nitride • Single • Complex • Carbides of silicon • Silicon carbide • Nitrites of silicon • Silicon nitrite 	
Polymeric substances (thermoplastic)	<ul style="list-style-type: none"> • Bismaleimides • Aromatic Polyimides • Aromatic Polyamide-Imides • PAI • Aromatic Polyetherimides • Thermoplastic Polymers • Chemical Resistance • Resistant Corrosion • High Temperature 	<ul style="list-style-type: none"> • 1C008
Propellants	<ul style="list-style-type: none"> • Spherical Aluminium Powder • Spherical Aluminum Powder • Aluminium Powder • Spheroidal Aluminum Powder • Zirconium Powder • Beryllium Powder • Magnesium Powder • Boron Powder • Guanidine Nitrate • Nitroguanidine • Carboranes • Dinitrogen Trioxide • Nitrogen Dioxide • Dinitrogen Pentoxide • Mixed Oxides Nitrogen 	<ul style="list-style-type: none"> • 1C111 • 1C011 • 1C230

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Carboxy-Terminated Polybutadiene • Carboxyl-Terminated Polybutadiene • Polybutadiene-Acrylic Acid • Polyglycidyl Nitrate • 2-Nitrodiphenylamine • Trimethylolethane Trinitrate • Diethylene Glycol Dinitrate • Butadienes • Ferrocenes • Slurries • Hydrazine • Hydroxy-Terminated Polybutadiene • Hydroxyl-Terminated Polybutadiene • Triethylene Glycol Dinitrate • Propellant • Propulsion • Solid Fuel • Liquid Fuel • Rocket • Gel Propellant 	
Protective & detection equipment	<ul style="list-style-type: none"> • Detection • Monitor • Sensor • Biological Agents • Chemical Warfare Agent • Radioactive Material • NBC • CBRN • Biosensor • Biological Agent • Mass Spectrometer • Chemical • Biological • Agent • Warfare Agent 	<ul style="list-style-type: none"> • 1A004

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Radiation • Radioactive • Detection Equipment • Detection Instrument • Personal Radiation Detectors • Gaseous Diffusion • Radiation • Uranium • Body Contamination Monitor • Body Contamination Measure • Chemical Agents • Biological Agents • Biological Warfare • Chemical Warfare • Tritium • Riot Control Agents • Protective Mask • Filter Canister • Full-Face Mask • Gas Mask • Glovebox • Body Armour • Protective Suits • Protective Vest • Protective Gloves • Protective Shoes • Protective Clothes 	
Pumps	<ul style="list-style-type: none"> • Pump • Potassium amide • KNH₂ • Liquid ammonia • NH₃ 	<ul style="list-style-type: none"> • 1B230
Radiation shielding windows	<ul style="list-style-type: none"> • Lead Glass • Radiation • Shield • Radiation Protection Window 	<ul style="list-style-type: none"> • 1A227

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Radiation Protection Shield • Radiation Shielding Glass 	
Radionuclides	<ul style="list-style-type: none"> • Actinium-225 • Actinium-227 • Polonium-210 • Radium-223 • Californium-253 • Curium-240 • Curium-241 • Curium-242 • Curium-243 • Curium-244 • Einsteinium-253 • Einsteinium-254 • Gadolinium-148 • Plutonium-236 • Plutonium-238 • Polonium-208 • Polonium-209 • Thorium-227 • Thorium-228 • Uranium-230 • Uranium-232 	<ul style="list-style-type: none"> • 1C236
Radium 226	<ul style="list-style-type: none"> • Radium-226 • Radium 226 • Nuclear 	<ul style="list-style-type: none"> • 1C237
Resaturated pyrolised carbon-carbon comp	<ul style="list-style-type: none"> • Carbon-carbon • Pyrolytic • Space 	<ul style="list-style-type: none"> • 1A102
Rhenium	<ul style="list-style-type: none"> • Rhenium • Cylinder 	<ul style="list-style-type: none"> • 1C241
Stealth materials	<ul style="list-style-type: none"> • Reflective • Absorbing • Coating • Electromagnetic Waves • Frequency • Radiation 	<ul style="list-style-type: none"> • 1C001 • 1C101

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Infrared • Surface electrical properties • Microwaves • Polypyrrole • Polyaniline • Polythiophene • Poly Phenylene-Vinylene • Poly Thienylene-Vinylene • Carbonyl Iron • Carbon Black • Radiation-Absorbent Material • Radar Absorbing Materials • Split-Ring Resonators • Absorb • Reflect • Electromagnetic Waves • Frequency • Radiation 	
Steels	<ul style="list-style-type: none"> • Maraging steel • Missile • Rocket • Aerial • Solution annealed • Nickel • Titanium-stabilised duplex stainless steel • Ti-DSS • Chromium 	<ul style="list-style-type: none"> • 1C116 • 1C118
Superconductive composite conductors	<ul style="list-style-type: none"> • Superconductive • Composite • Conductor • Niobium-Titanium • Filaments • Wire • Tape • Cylinder • Film • Ribbon 	<ul style="list-style-type: none"> • 1C005

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Toxic chemicals & chemical precursors	<ul style="list-style-type: none"> • Chemical Weapon • Warfare Agents • Blood Agents • Chocking Agents • Blistering Agents • Vesicant Agents • Nerve Agents • Incapacitating Agents • Novichok • Intermediate of synthesis • Reaction vessel • Structural elucidation • Solvent • Distillation • Organophosphorus • Gas chromatography • Liquid chromatography • Microreactor • Mass spectrometry • Reagents • Solid-phase synthesis 	<ul style="list-style-type: none"> • 1C350
Tritium system	<ul style="list-style-type: none"> • Tritium • Heavy Water • Deuterium • Extraction • Recovery • Production • Concentration • Hydrogen Isotope • Purification System • Hydrogen • Cryogenic Distillation • Water Detritiation • Catalytic Exchange Column • Palladium • Diffusers • Permeators • Tritium Breeding 	<ul style="list-style-type: none"> • 1B231 • 1C235
Turboexpanders	<ul style="list-style-type: none"> • Turboexpander 	<ul style="list-style-type: none"> • 1B232

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none">• Turbo-expander• Hydrogen	

- PATHOGENS

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
African horse sickness virus	<ul style="list-style-type: none"> • African Horse • Virus • African horse • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
African swine fever virus	<ul style="list-style-type: none"> • African Swine • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Andes virus	<ul style="list-style-type: none"> • Andes • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Avian influenza virus	<ul style="list-style-type: none"> • Avian Influenza • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Bacillus anthracis	<ul style="list-style-type: none"> • Bacillus Anthracis • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
B. Brucella abortus	<ul style="list-style-type: none"> • Brucella Abortus • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Brucella melitensis	<ul style="list-style-type: none"> • Brucella Melitensis • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Brucella suis	<ul style="list-style-type: none"> • Brucella Suis • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
B. Burkholderia pseudomallei	<ul style="list-style-type: none"> • Burkholderia Pseudomallei • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Chlamydia psittaci	<ul style="list-style-type: none"> • Chlamydia Psittaci • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
B. Clostridium argentinense	<ul style="list-style-type: none"> • Clostridium Argentinense • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
	<ul style="list-style-type: none"> • Clostridium Botulinum • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Clostridium baratii	<ul style="list-style-type: none"> • Clostridium Baratii • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
B. Clostridium butyricum	<ul style="list-style-type: none"> • Clostridium Butyricum • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Clostridium perfringens	<ul style="list-style-type: none"> • Clostridium Perfringens • Clostridium welchii • Bacillus welchii • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • RNA • Ribonucleic acid • Isolation 	
B. Coxiella burnetii	<ul style="list-style-type: none"> • Coxiella Burnetii • Rickettsia burnetii • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Francisella tularensis	<ul style="list-style-type: none"> • Francisella Tularensis • Pasteurella tularensis • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Mycoplasma capricolum	<ul style="list-style-type: none"> • Mycoplasma Capricolum • Bacterium 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
B. Mycoplasma mycoides	<ul style="list-style-type: none"> • Mycoplasma Mycoides • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Rickettsia prowazekii	<ul style="list-style-type: none"> • Rickettsia Prowazekii • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
B. Salmonella enterica Typhi	<ul style="list-style-type: none"> • Salmonella Enterica • Typhi • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Shiga toxin	<ul style="list-style-type: none"> • Shiga Toxin Producing • Escherichia Coli • E coli • STEC • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Ribonucleic acid • Isolation • 	
B. Shigella dysenteriae	<ul style="list-style-type: none"> • Shigella Dysenteriae • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Vibrio cholerae	<ul style="list-style-type: none"> • Vibrio Cholerae • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
B. Yersinia pestis	<ul style="list-style-type: none"> • Yersinia Pestis • Y pestis • Pasteurella pestis • Bacterium 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
B.Burkholderia mallei Pseudomonas mallei	<ul style="list-style-type: none"> • Burkholderia Mallei • Pseudomonas Mallei • Malleomyces mallei • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Bluetongue virus	<ul style="list-style-type: none"> • Bluetongue • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Chapare virus	<ul style="list-style-type: none"> • Chapare • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Chikungunya virus	<ul style="list-style-type: none"> • Chikungunya • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Choclo virus	<ul style="list-style-type: none"> • Choclo • Virus • Orthohantavirus 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Hantavirus • Cardiopulmonary Syndrome • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Classical swine fever virus	<ul style="list-style-type: none"> • Hog Cholera • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Congo-Crimean haemorrhagic fever virus	<ul style="list-style-type: none"> • Crimean-Congo • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Dobrava-Belgrade virus	<ul style="list-style-type: none"> • Dobrava-Belgrade • Dobrava • Dobrava-Belgrade orthohantavirus • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Eastern equine encephalitis virus	<ul style="list-style-type: none"> • Eastern Equine Encephalitis • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Ebola virus	<ul style="list-style-type: none"> • Ebola • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
F. Coccidioides immitis	<ul style="list-style-type: none"> • Coccidioides Immitis • Fungus • Fungi • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
F. Coccidioides posadasii	<ul style="list-style-type: none"> • Coccidioides Posadasii • Fungus • Fungi • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Foot-and-mouth disease virus	<ul style="list-style-type: none"> • Foot-And-Mouth Disease • Hoof-and-mouth disease • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Goatpox virus	<ul style="list-style-type: none"> • Goatpox • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Guanarito virus	<ul style="list-style-type: none"> • Guanarito 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Hantaan virus	<ul style="list-style-type: none"> • Hantaan • Korean Hemorrhagic Fever • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Hendra virus	<ul style="list-style-type: none"> • Hendra • Equine Morbillivirus • Hendra henipavirus • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Japanese encephalitis virus	<ul style="list-style-type: none"> • Japanese Encephalitis • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Junin virus	<ul style="list-style-type: none"> • Junin • Argentine Hemorrhagic Fever • Argentinian mammarenavirus • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> ● Isolation 	
Kyasanur Forest disease virus	<ul style="list-style-type: none"> ● Kyasanur Forest ● Virus ● Synthetic biology ● GMO ● Genetically Modified Organisms ● PCR ● Polymerase Chain Reaction ● Genome ● Genetics ● Replication ● Sequencing ● RNA ● Ribonucleic acid ● Isolation 	<ul style="list-style-type: none"> ● 1C351
Laguna Negra virus	<ul style="list-style-type: none"> ● Laguna Negra ● Virus ● Synthetic biology ● GMO ● Genetically Modified Organisms ● PCR ● Polymerase Chain Reaction ● Genome ● Genetics ● Replication ● Sequencing ● RNA ● Ribonucleic acid ● Isolation 	<ul style="list-style-type: none"> ● 1C351
Lassa fever virus	<ul style="list-style-type: none"> ● Lassa Fever ● Virus ● Synthetic biology ● GMO ● Genetically Modified Organisms ● PCR ● Polymerase Chain Reaction 	<ul style="list-style-type: none"> ● 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Louping ill virus	<ul style="list-style-type: none"> • Louping III • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Lujo virus	<ul style="list-style-type: none"> • Lujo • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Lumpy skin disease virus	<ul style="list-style-type: none"> • Lumpy Skin Disease • Virus 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Lymphocytic choriomeningitis virus;	<ul style="list-style-type: none"> • Lymphocytic Choriomeningitis • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Lyssavirus genus	<ul style="list-style-type: none"> • Lyssavirus • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Sequencing • RNA • Ribonucleic acid • Isolation 	
Machupo virus	<ul style="list-style-type: none"> • Machupo • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Marburg virus	<ul style="list-style-type: none"> • Marburg • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Monkeypox virus;	<ul style="list-style-type: none"> • Monkeypox • Virus • Synthetic biology • GMO 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Murray Valley encephalitis virus	<ul style="list-style-type: none"> • Murray Valley • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Newcastle disease virus	<ul style="list-style-type: none"> • Newcastle Disease • VND • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Ribonucleic acid • Isolation 	
Nipah virus	<ul style="list-style-type: none"> • Nipah • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Omsk hemorrhagic fever virus	<ul style="list-style-type: none"> • Omsk • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Oropouche virus	<ul style="list-style-type: none"> • Oropouche • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
<i>P. Andean potato latent virus</i>	<ul style="list-style-type: none"> • Andean Potato • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C354
<i>P. Clavibacter michiganensis sepedonicus</i>	<ul style="list-style-type: none"> • Clavibacter Michiganensis • Corynebacterium sepedonicum • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid 	<ul style="list-style-type: none"> • 1C354

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Isolation 	
<i>P. Cochliobolus miyabeanus</i>	<ul style="list-style-type: none"> • <i>Helminthosporium Oryzae</i> • Fungus • Fungi • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C354
<i>P. Colletotrichum kahawae</i>	<ul style="list-style-type: none"> • <i>Colletotrichum Kahawae</i> • Fungus • Fungi • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C354
<i>P. Magnaporthe oryzae</i>	<ul style="list-style-type: none"> • <i>Magnaporthe Oryzae</i> • <i>Pyricularia oryzae</i> • Rice Blast • Fungus • Fungi • Synthetic biology 	<ul style="list-style-type: none"> • 1C354

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
<i>P. Microcyclus ulei</i>	<ul style="list-style-type: none"> • Microcyclus Ulei • Fungus • Fungi • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	• 1C354
<i>P. Perenosclerospora philippinensis</i>	<ul style="list-style-type: none"> • Perenosclerospora Philippinensis • Philippine Downy Mildew • Perenosclerospora Sacchari • Diseases • P. Philippinensis 	• 1C354
<i>P. Potato spindle tuber viroid</i>	<ul style="list-style-type: none"> • Potato Spindle Tuber • Virus • Synthetic biology • GMO 	• 1C354

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
<i>P. Puccinia graminis</i>	<ul style="list-style-type: none"> • <i>Puccinia Graminis</i> • Fungus • Fungi • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C354
<i>P. Puccinia striiformis</i>	<ul style="list-style-type: none"> • <i>Puccinia Striiformis</i> • Fungus • Fungi • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing 	<ul style="list-style-type: none"> • 1C354

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • RNA • Ribonucleic acid • Isolation 	
<i>P. Ralstonia solanacearum</i>	<ul style="list-style-type: none"> • <i>Ralstonia Solanacearum</i> • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C354
<i>P. Sclerotiorum rayssiae var. zae</i>	<ul style="list-style-type: none"> • <i>Sclerotiorum rayssiae</i> • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C354
<i>P. Synchytrium endobioticum</i>	<ul style="list-style-type: none"> • <i>Synchitrium Endobioticum</i> • Potato Wart Disease • Black Scab • Synthetic biology • GMO 	<ul style="list-style-type: none"> • 1C354

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
<i>P. Thecaphora solani</i>	<ul style="list-style-type: none"> • Thecaphora Solani • Potato Smut 	<ul style="list-style-type: none"> • 1C354
<i>P. Tilletia indica</i>	<ul style="list-style-type: none"> • Tilletia Indica • Karnal Bunt • Neovossia indica • Fungi • Fungus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C354
<i>P. Xanthomonas albilineans</i>	<ul style="list-style-type: none"> • Xanthomonas Albilineans • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR 	<ul style="list-style-type: none"> • 1C354

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
<i>P. Xanthomonas axonopodis</i>	<ul style="list-style-type: none"> • <i>Xanthomonas Axonopodis</i> • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C354
<i>P. Xanthomonas oryzae</i> pv. <i>oryzae</i>	<ul style="list-style-type: none"> • <i>Xanthomonas Oryzae</i> Pv. <i>Oryzae</i> • <i>Xanthomonas oryzae</i> pathovar <i>oryzae</i> • <i>Pseudomonascampesstris</i> pv.<i>oryzae</i> • <i>Pseudomonascampesstris</i> pathovar <i>oryzae</i> • Bacterium • Bacteria • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome 	<ul style="list-style-type: none"> • 1C354

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Peste-des-petits-ruminants virus	<ul style="list-style-type: none"> • Peste-Des-Petits-Ruminants • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Porcine Teschovirus	<ul style="list-style-type: none"> • Porcine Teschovirus • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Powassan virus	<ul style="list-style-type: none"> • Powassan • Virus 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Reconstructed 1918 influenza virus	<ul style="list-style-type: none"> • 1918 Influenza • Spanish flu • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Rift Valley fever virus	<ul style="list-style-type: none"> • Rift Valley • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Sequencing • RNA • Ribonucleic acid • Isolation 	
Rinderpest virus	<ul style="list-style-type: none"> • Rinderpest • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Rocio virus	<ul style="list-style-type: none"> • Rocio • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Sabia virus	<ul style="list-style-type: none"> • Sabia • Virus • Brazilian mammarenavirus • Synthetic biology • GMO 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Seoul virus	<ul style="list-style-type: none"> • Seoul Virus • Hantavirus Hemorrhagic Fever • Seoul orthohantavirus • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
SARS-CoV-1	<ul style="list-style-type: none"> • SARS-CoV-1 • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • RNA • Ribonucleic acid • Isolation 	
Sheeppox virus	<ul style="list-style-type: none"> • Sheeppox • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Sin Nombre virus	<ul style="list-style-type: none"> • Sin Nombre • Muerto Canyon • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
St. Louis encephalitis virus	<ul style="list-style-type: none"> • St. Louis Encephalitis • Virus • Synthetic biology • GMO 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Suid herpesvirus 1 (Pseudorabies virus)	<ul style="list-style-type: none"> • Pseudorabies • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Swine vesicular disease virus	<ul style="list-style-type: none"> • Swine Vesicular Disease • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Isolation 	
T-2 toxin	<ul style="list-style-type: none"> • T-2 Toxin • T-2 mycotoxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Abrin	<ul style="list-style-type: none"> • Abrin • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Aflatoxins	<ul style="list-style-type: none"> • Aflatoxins • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
T. Botulinum toxins	<ul style="list-style-type: none"> • Botulinum • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Cholera toxin	<ul style="list-style-type: none"> • Cholera • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Clostridium perfringens	<ul style="list-style-type: none"> • Clostridium Perfringens • Clostridium welchii 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
T. Conotoxins	<ul style="list-style-type: none"> • Conotoxin • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Diacetoxyscirpenol	<ul style="list-style-type: none"> • Diacetoxyscirpenol • Anguidine • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Sequencing • RNA • Ribonucleic acid • Isolation 	
T. HT-2 toxin	<ul style="list-style-type: none"> • HT-2 • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Microcystins (Cyanginosins)	<ul style="list-style-type: none"> • Microcystins • Cyanginosins • Toxic • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Modeccin	<ul style="list-style-type: none"> • Modeccin • Modecca digitata • Adenia digitata • Toxin 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
T. Ricin	<ul style="list-style-type: none"> • Ricin • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Saxitoxin	<ul style="list-style-type: none"> • Saxitoxin • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • RNA • Ribonucleic acid • Isolation 	
T. Shiga toxins(shiga-like toxins)	<ul style="list-style-type: none"> • Shiga-Like Toxin • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Staphylococcus aureus	<ul style="list-style-type: none"> • Staphylococcus aureus • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. Tetrodotoxin	<ul style="list-style-type: none"> • Tetrodotoxin • Toxin • Synthetic biology • GMO • Genetically Modified Organisms 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
T. Viscumin	<ul style="list-style-type: none"> • Viscumin • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
T. volkensin	<ul style="list-style-type: none"> • Volkensin • Toxin • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Tick-borne encephalitis virus	<ul style="list-style-type: none"> • Tick-Borne Encephalitis • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Variola virus	<ul style="list-style-type: none"> • Variola • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Venezuelan equine encephalitis virus	<ul style="list-style-type: none"> • Venezuelan Equine Encephalitis • Equine encephalomyelitis • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	
Vesicular stomatitis virus	<ul style="list-style-type: none"> • Vesicular Stomatitis • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Western equine encephalitis virus	<ul style="list-style-type: none"> • Western Equine Encephalitis • Virus • Synthetic biology • GMO • Genetically Modified Organisms • PCR • Polymerase Chain Reaction • Genome • Genetics • Replication • Sequencing • RNA • Ribonucleic acid • Isolation 	<ul style="list-style-type: none"> • 1C351
Yellow fever virus	<ul style="list-style-type: none"> • Yellow Fever 	<ul style="list-style-type: none"> • 1C351

Cat. 1 – SPECIAL MATERIALS AND RELATED EQUIPMENT

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none">• Virus• Synthetic biology• GMO• Genetically Modified Organisms• PCR• Polymerase Chain Reaction• Genome• Genetics• Replication• Sequencing• RNA• Ribonucleic acid• Isolation	

Cat. 2 – MATERIAL PROCESSING

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Aerosol inhalation equipment	<ul style="list-style-type: none"> • Aerosol Inhalation System • Inhalation Exposure Chamber • Aerosol Inhalation • Aerosol challenge test • Inhalation • Nose-Only Exposure • Rodents • Rats • Mouses 	<ul style="list-style-type: none"> • 2B352.g.
Automatic filling equipment	<ul style="list-style-type: none"> • Automatic Filling Machine • Corrosive Filler • Corrosive Resistant • Toxic chemical • Machine • Filler 	<ul style="list-style-type: none"> • 2B350.f.
Balancing machine	<ul style="list-style-type: none"> • Balancing Machine • Rotor • Centrifugal 	<ul style="list-style-type: none"> • 2B119
Bearing systems	<ul style="list-style-type: none"> • Bearing • Anti-Friction • Monel • Beryllium • Active magnetic bearings • Position sensor • Self-Sensing Active Magnetic Bearing 	<ul style="list-style-type: none"> • 2A001
Bellows-sealed scroll compressors/v.pump	<ul style="list-style-type: none"> • Scroll Compressors • Scroll Vacuum Pump • Spiral Vanes • Bellows-Sealed • Gas Centrifuge • Uranium • Tritium • Hermetic Seal 	<ul style="list-style-type: none"> • 2B233

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Biocontainment facilities/equipment	<ul style="list-style-type: none"> • Biosafety cabinet • Isolator • Glovebox • Biocontainment chamber • Autoclave • Facility • Chamber • HEPA • BL3 • BL4 • Class III • Class IV • BSL-3 • BSL-4 	<ul style="list-style-type: none"> • 2B352.a • 2B352.f.2
Bioreactor	<ul style="list-style-type: none"> • Bioreactor • Fermenter • Disposable fermenter • Cultivation chamber • Disposable bioreactor • Single-use bioreactor • Holding device • HEPA • ULPA • Human pathogens • Vaccines 	<ul style="list-style-type: none"> • 2B352.b.
Centrifugal separators	<ul style="list-style-type: none"> • Centrifugal Separator • Centrifuge • Decanter • HEPA • ULPA • Human pathogens • Vaccines 	<ul style="list-style-type: none"> • 2B352.c.
Chemical manufacturing equipment	<ul style="list-style-type: none"> • Reaction Vessel • Reaction Reactor • Chemical Reactor • Agitator • Impellers • Storage Tanks • Receiver 	<ul style="list-style-type: none"> • 2B350

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Heat Exchanger • Condenser • Absorption Columns • Distillation Columns • Distillation Tower • Fractionating Column • Liquid Distributor • Filling Machines • Valves • Walled Pipe • Pump • Made Of • Coated With • Lined With • Nickel • Fluoropolymers • Tantalum • Nobelium • Zirconium • Titanium • Glass • Silicon carbide • Monel • Inconel • Hastelloy • Zirconium • Graphite • Corrosion resistant 	
Controlled atmosphere induction furnace	<ul style="list-style-type: none"> • Furnace • Vacuum • Inert Gas • Arc Remelt • Electron Beam • Computer Control • Monitoring System • Plasma Torches • Nuclear • Uranium • Plutonium • Metal Fuel • Actinide 	<ul style="list-style-type: none"> • 2B226

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Yellow cake • Uranium ores 	
Crucible	<ul style="list-style-type: none"> • Crucible • Uranium • Plutonium • Coated With • Made Of • Lined With • Calcium Fluoride • Calcium Zirconate • Cerium Sulphide • Erbium Oxide • Erbia • Hafnium Oxide • Hafnia • Magnesium Oxide • Magnesia • Yttrium Oxide • Yttria • Zirconium Oxide • Zirconia • Tantalum 	<ul style="list-style-type: none"> • 2A225
Dimensional inspection&measuring systems	<ul style="list-style-type: none"> • Coordinate Measuring Machine • Fizeau Interferometer • Displacement Sensor • Three-Dimensional • Linear Displacement • Angular Displacement • Measuring • Linear Variable Differential Transformers • Lvdt 	<ul style="list-style-type: none"> • 2B006
Flow filtration equipment and components	<ul style="list-style-type: none"> • Cross-Flow Filtration • Tangential Flow Filtration • Bioreactor • Microorganisms • Virus • Toxins 	<ul style="list-style-type: none"> • 2B352.d.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Cells Culture • Vaccine • Cartridge Filter • Membrane Filter • Filtration Membrane 	
Gas detectors	Toxic Gas Detector Monitoring System Detection System Sensor Cholinesterase Achei Neurotransmitter Gas Detect* Cholinesterase Inhibit* Chemical Warfare Agents	<ul style="list-style-type: none"> • 2B351
Heat exchangers	<ul style="list-style-type: none"> • Heat Exchanger • Condenser • Made Of • Coated With • Lined With • Nickel • Fluoropolymers • Glass • Graphite • Carbon Graphite • Tantalum • Titanium • Nobium Zirconium • Silicon Carbide 	<ul style="list-style-type: none"> • 2B350.d.
High velocity gun systems	<ul style="list-style-type: none"> • Gas Guns • Propellant Guns • Coil guns • Electromagnentic guns • Electrothermal guns • High Velocity Guns • Hydrodynamic • Equation Of State 	<ul style="list-style-type: none"> • 2B232

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Spall Strength • Sound Speed • Strain-Rate • Nuclear • High-Stress • High-Temperature • Shock-Pressure 	
Incinerators for chemicals	<ul style="list-style-type: none"> • Incinerator • Incineration • Thermal treatment • Toxic chemicals • Chemical weapons • Warfare agents • Hazardous chemicals • Pesticides • Nerve agents 	<ul style="list-style-type: none"> • 2B350.j.
Isostatic press (applications)	<ul style="list-style-type: none"> • Isostatic Press • Hydraulic Powder Press • Powder Compacting System • Mox Fuel • Alloy Powder • High-Tech • Turbine Blade 	<ul style="list-style-type: none"> • 2B004 • 2B104 • 2B204
Isostatic press (general)	<ul style="list-style-type: none"> • Isostatic Press • Hydraulic Powder Press • Powder Compacting System • Nuclear • Explosive • Pbx • Mox Fuel • Uo2 • Fuel Pellets • Turbine Blade 	<ul style="list-style-type: none"> • 2B004 • 2B104 • 2B204
Machine tools	<ul style="list-style-type: none"> • Machine Tool • Grinding • Cutting 	<ul style="list-style-type: none"> • 2B001 • 2B002 • 2B003

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Milling • Turning • Computer Numerical Control • CNC • Subtractive manufacturing 	<ul style="list-style-type: none"> • 2B201
Motion simulators, rate&position tables	<ul style="list-style-type: none"> • Motion Simulator • Rate Table • Positioning Table 	<ul style="list-style-type: none"> • 2B120
Positioning control units	<ul style="list-style-type: none"> • Linear Position • Rotary Position • Contouring Control • Tilting Spindle • Rotary Tables • Machine Tool 	<ul style="list-style-type: none"> • 2B121
Pressure transducers	<ul style="list-style-type: none"> • Pressure Sensor • Pressure Transducer • Pressure Transmitter • Pressure Sender • Pressure Indicator • Piezometer • Manometer • Pressure Gauge • Vacuum Gauge • Absolute Pressure • Uranium • Gas Centrifuge • Isotope Separation • Gaseous Diffusion 	<ul style="list-style-type: none"> • 2B230
Remote manipulator	<ul style="list-style-type: none"> • Remote Manipulator • Mechanic Arm • Remote Arm • Hot Cells • Radioactive • Radiochemical • Plutonium • Reprocessing • Nuclear Plant 	<ul style="list-style-type: none"> • 2B225

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Robots, controllers, end-effectors	<ul style="list-style-type: none"> • Robot • End-Effector • End Effector • Resistant To Radiation • Radiation hardened • Extreme Conditions • Explosive • Nuclear • Plutonium 	<ul style="list-style-type: none"> • 2B007 • 2B207
Rotors fabrication/assembly equipment	<ul style="list-style-type: none"> • Rotor • Bellows • Baffles • End Caps • Gas Centrifuge • Single-Convolution Bellows • Uranium 	<ul style="list-style-type: none"> • 2B228
Spin-forming & flow-forming machines	<ul style="list-style-type: none"> • Flow-Forming • Flow Forming • Spin-Forming • Spin Forming • Metal Spinning • CNC • Computer numerical control 	<ul style="list-style-type: none"> • 2B009
Storage tanks	<ul style="list-style-type: none"> • Storage Tanks • Receiver • Made Of • Coated With • Lined With • Nickel • Fluoropolymers • Glass • Tantalum • Titanium • Nobelium • Zirconium 	<ul style="list-style-type: none"> • 2B350.c.
Surface treatment equipment	<ul style="list-style-type: none"> • Chemical vapour deposition 	<ul style="list-style-type: none"> • 2B005

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • CVD • CNTD • Ion implantation • Electron beam physical vapour deposition • PVD • EB-PVD • TE-PVD • Ion plating • Plasma spraying • Sputter deposition • Cathodic arc deposition • Aluminides • Salicides • Carbides • Diamond • Boron nitride • Tungsten carbide • Molybdenum • Beryllium • MCRAIX • Superalloys • Modified zirconia • Titanium boride • Titanium nitride • Nickel-graphite • Ni-Cr-Al • Cemented tungsten carbide • Coating 	
Vacuum pump	<ul style="list-style-type: none"> • Vacuum Pump • Vacuum • Pump • Uranium • Enrichment • Uf6 • Gas Centrifuge • Separation Plant • Isotope Separation • Turbopump • Turbomolecular Pump 	<ul style="list-style-type: none"> • 2B231

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Valves	<ul style="list-style-type: none"> • Valves • Made Of • Coated With • Lined With • Nickel • Fluoropolymers • Glass • Tantalum • Titanium • Nobiun • Zirconium 	<ul style="list-style-type: none"> • 2A226
Vibration testing system	<ul style="list-style-type: none"> • Vibration Test • Vibration Control • Vibration testing • Digital Controller • Vibration Thruster • Shaker Unit 	<ul style="list-style-type: none"> • 2B116

CAT. 3 – ELECTRONICS

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Absolute rotary encoder	<ul style="list-style-type: none"> • Absolute Rotary Encoder • Rotary Position Encoders • Absolute Encoder • Angle Encoders • Rings • Discs • Scales • Rotary Encoder • Position Encoders 	<ul style="list-style-type: none"> • 3A001.f.
Acoustic wave devices	<ul style="list-style-type: none"> • Surface Acoustic Wave • Saw Resonators • Bulk Acoustic Wave • Baw Resonators • Surface Acoustic Wave Filter • Saw Filter • Bulk Acoustic Wave Filter • Baw Filter • Surface Acoustic Wave • Saw Oscillators • Bulk Acoustic Wave Oscillators • Baw Oscillators • Surface Acoustic Wave Delay Lines • Saw Delay Lines • Bulk Acoustic Wave Delay Lines • BAW Delay Lines • Surface Acoustic Wave Device • Saw Devices • Bulk Acoustic Wave Device • Baw Devices • Acoustic Optic Signal Processing Devices • Military • Telecommunications • Radar 	<ul style="list-style-type: none"> • 3A001.c.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Amplifiers (microwave)	<ul style="list-style-type: none"> • Space • Solid State Amplifier • SSPA • Microwave • Millimetre wave • Travelling Wave Tube Amplifier • TWTA • Microwave • Cross Field Amplifier • Monolithic Microwave Integrated Circuits • Amplifier • Mmic Amplifier • Microwave Amplifier • Millimetre Wave Amplifier • Satellite • Communication • Hopping • Frequency • Wideband • Radar • Jammer • Jamming 	<ul style="list-style-type: none"> • 3A001.b.2 • 3A001.b.4.
Digitizer	<ul style="list-style-type: none"> • Analogue-To-Digital • Digital-to-analogue • ADC • DAC • Conversion • Converter • Digitization • Equipment • Modules • Data Processing • Data Storage • Data Transmission • High GSPS • High Giga Sample per Second • High bits 	<ul style="list-style-type: none"> • 3A001.a.5.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Fabrication Processes IC Design	<ul style="list-style-type: none"> • IC • Integrated circuit • ASIC • SoC • System on a chip • Multi-chip module • MCM • Hardware Descriptive Language • VHDL • Very high speed • Design automation • Logic synthesis 	<ul style="list-style-type: none"> • 3E001 • 3E002
Frequency changer/generator	<ul style="list-style-type: none"> • Frequency Changer • Frequency Generator • Frequency Converters • Frequency Inverters • Variable Frequency Drives • ASDs • Adjustable Frequency Drive • Variable Speed Drives • Gas Centrifuge • Uranium • High-Frequency AC Power • Three-Phase Asynchronous Motors • Three-Phase AC • High-Speed AC Motor 	<ul style="list-style-type: none"> • 3A225
Frequency signal processing	<ul style="list-style-type: none"> • Band-Stop Filter • Band-Rejection Filter • Band-Pass Filter • Tunable • Emi Receivers • Spectrum Analyzer • Optical Spectrometer • Radio • Frequency Switching Time • Frequency Switching Speed • Frequency Synthesizer 	<ul style="list-style-type: none"> • 3A001.b.5. • 3A001.b.7. • 3A001.b.11 • 3A001.b.12

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Transmit/Receive Module • Duplex Transceiver • Transmit/Receive • MMIC 	
High energy devices	<ul style="list-style-type: none"> • High Energy • Primary Cell • Secondary Cell • High Energy Capacitors • Superconductive Electromagnets • Superconductive Solenoids 	<ul style="list-style-type: none"> • 3A001.e.
High-Power Direct Current Power Supplies	<ul style="list-style-type: none"> • High-Power • High-Voltage • Direct Current Power Supply • Dc Power Supply • Led Power Supply 	<ul style="list-style-type: none"> • 3A226 • 3A227
Integrated circuits	<ul style="list-style-type: none"> • Microprocessor • Microcircuits • Microcomputer • Microcircuits • Microcontroller • Microcircuits • Integrated Circuits • Analogue-To-Digital Converter • Digital-To-Analogue Converter • Semiconductor • Signal Processing • Programmable Logic Device • Flash Memories • Static Random-Access Memories • Srams • Magnetic Random Access Memories • Mrams 	<ul style="list-style-type: none"> • 3A001

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • FFT Processor • Fast Fourier Transform Processor • Electrical Erasable Programmable Read-Only Memories • EEPROM • Temperature • Radiation • Field Programmable Logic Device • Fast Fourier Transform Processor • Optical Integrated Circuit • Signal Processing • Electro-Optical • Optical Integrated Circuit • Signal Processing • Laser Diode • Optical Waveguide 	
Mass spectrometers	<ul style="list-style-type: none"> • Mass Spectrometers • Microfluorination ion • Uranium • Plutonium • Actinides • Reprocessing • Inductively Coupled Plasma • Glow Discharge • Electron Bombardment • Thermal Ionization 	<ul style="list-style-type: none"> • 3A233
Memory cards	<ul style="list-style-type: none"> • Flash Memories • Static Random-Access Memories • SRAMs • Magnetic Random Access Memories • MRAMs • Electrical Erasable Programmable Read-Only Memories 	<ul style="list-style-type: none"> • 3A001.a.2.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • EEPROM • NAND Flash • Satellite • Infrared • Extreme conditions • Extreme climate • Extreme temperature • Harsh environment • Low temperature • High temperature 	
Neutron generator	<ul style="list-style-type: none"> • Neutron Generator • Fission • Radioactive • Nuclear Reactor • Deuterium • Tritium • Electrostatic Acceleration • Titanium • Scandium 	<ul style="list-style-type: none"> • 3A231
Semiconductors	<ul style="list-style-type: none"> • Semiconductors • Coating • Etching • Doping • Photolithography • Metallizing • Silicon • Transistors • Cluster tools • Lithography masks • Integrated circuits • Microprocessors • Memory modules • Logic circuits • Diodes • CCD chips • Cameras • Opto-electronic sensors • Laser diodes • Light emitting diodes • High frequency transistors 	<ul style="list-style-type: none"> • 3A001 • 3B001 • 3B002 • 3C005

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Micromechanics • MEMS • Weapon • Combat systems • Optical reconnaissance • Reconnaissance • Infrared • Multispectral • Visible wavelength range • Ultraviolet • Encryption • Electronic warfare • ECCM • Avionics cockpit displays • Search and Rescue • Tracing • Disaster control • Switching frequency • Temperature resistance • Gallium • Arsenic • Gallium arsenide 	
Semiconductors Fabrication processes	<ul style="list-style-type: none"> • Semiconductor • Silicon • Fabrication • Photolithography • Physical vapour deposition • PVD • Chemical vapour deposition • CDV • Electrochemical deposition • ECD • Molecular beam epitaxy • MBE • Atomic layer deposition • ALD • Wafer fab • Through silicon via • TSV • Chip scale packaging 	<ul style="list-style-type: none"> • 3E001 • 3E003

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Wafer scale integration • WSI 	
Semiconductor Production Technology	<ul style="list-style-type: none"> • Semiconductor • Integrated Circuit • IC • Microelectronics • Microsystems • MEMS • Integrated device • Multi Chip Module • MCM • 3D-IC • ASIC • System-on-chip • SoC • Production • Fabrication 	<ul style="list-style-type: none"> • 3E001 • 3E003
Superconductivity & electronic devices	<ul style="list-style-type: none"> • Superconductive Material • Circuit • Electronic • Digital • Frequency • Low Temperature • Critical Temperature 	<ul style="list-style-type: none"> • 3A001.d.
Switching devices Thyristor	<ul style="list-style-type: none"> • Thyristor • Pulsed Power • Switch • Thyristor Modules • Switch • Triggering Thyristors • Integrated Gate Commutated Thyristors • Gate Turn-Off Thyristors • MOS Controlled Thyristors • SolidTRON • Semiconductor Switches • Semiconductor Diodes • Semiconductor Modules • Operating Temperature 	<ul style="list-style-type: none"> • 3A001.g. • 3A001.h.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Junction Temperature • Operation Temperature • Operating Temperature • Junction Temperature • Operation Temperature • Bipolar Junction Transistors • Field Effect Transistors • Pin Diodes • Schottky Diodes • Silicon Controlled Rectifier • Controlled Rectifier • Gate Turn-Off Thyristors • Switch • Emitter Turn-Off Thyristors 	
Switching devices NSG	<ul style="list-style-type: none"> • Switching Device • Cold-Cathode Tubes • Sprytrons • Fast-Switching Modules • Triggered Spark Gaps • Thyratrons • Explosive • Detonation • Pulsed Power • Pulse Generator • Implosion • Exploding • Capacitor Discharge Units • Pulse Generator 	<ul style="list-style-type: none"> • 3A228
Vacuum electronic devices	<ul style="list-style-type: none"> • Amplif* • Oscillator • Thermionic • Traveling-Wave Tube • Klystrons • Klystro • Vacuum Electronic Devices • Vacuum Tube • Pulsed And Continuous Wave 	<ul style="list-style-type: none"> • 3A001.b.1.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none">• Continuous Wave And Pulsed• Amplitron• Diode Vacuum	

CAT. 4 - COMPUTERS

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Digital computers-enhanced performance	<ul style="list-style-type: none"> • TeraFLOPS • TeraFLOP • TFLOPS • DPFLOPS • Digital computer • Vector processors • Array processors • Digital signal processor • Logic processor • Image enhance • Supercomputer • Numerical wind tunnel • Battlefield visualisation • OLAP • Massively parallel processing • Hypersonic aerodynamics • Cryptanalysis • Air and Missile Defence 	<ul style="list-style-type: none"> • 4A003
Intrusion software control	<ul style="list-style-type: none"> • Intrusion Software • Cyber Security Technologies • Cyber Weapons • Control • Command • Delivery • Generation • Production 	<ul style="list-style-type: none"> • 4A005
Neuronal-Optical-Systolic array computer	<ul style="list-style-type: none"> • Neural Computer • Neuters • Optical Computers • Systolic Array Computers 	<ul style="list-style-type: none"> • 4A004
Ruggedized Computer	<ul style="list-style-type: none"> • Computer • Radiation hardened • Rad-hard • Rad hard • Specially designed 	<ul style="list-style-type: none"> • 4A001 • 4D001

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Extreme temperature • Extreme conditions • Rugged • Ruggedized • Satellite borne • Heat resistant • Software 	
Space lunch & Computer	<ul style="list-style-type: none"> • Space Launch Vehicle • Carrier Rocket • Spacecraft Bus • Spacecraft Payload • Spacecraft System • Model* • Simulat* • Design Integrat* • Computer • Digital Differential Analyser 	<ul style="list-style-type: none"> • 4A101 • 4A102

CAT. 5 - TELECOMMUNICATIONS & INFORMATION SECURITY

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Counter Improvised Explosive Device eq	<ul style="list-style-type: none"> • Improvised Explosive Device • IED • Explosive • Radio controlled improvised device • RCIED • Electronic counter measure • ECM • Counter • Radio • Frequency • Communication • Detonation • Equipment 	<ul style="list-style-type: none"> • 5A001.h.
Cryptography	<ul style="list-style-type: none"> • Cryptography • Spread spectrum • Frequency-hopping • User programmable spreading codes • Cryptanalysis • Code breaking • Information security • Data • Storage • Data confidentiality • Crypto variables • Information security • Quantum • Quantum key distribution • QKD 	<ul style="list-style-type: none"> • 5A001.b.3. • 5A002 • 5A004
Interception & jamming equipment	<ul style="list-style-type: none"> • Interception • Telecommunication • IP • Internet Protocol Network • Surveillance Systems • Intrusion Software 	<ul style="list-style-type: none"> • 5A001.f.1 • 5A001.f.2 • 5A001.f.3

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Extraction • Voice • Data • Signalling • Identifier • Jamming devices • Jamming equipment • Device • Equipment • Interference • Wave • Frequency • Signal • Reception • Transmission 	
IP network communication surveillance	<ul style="list-style-type: none"> • IP Network • Internet Protocol network • Communication • Surveillance • Analysis • Application Layer • Layer 7 • Layer 8 • Layer 9 • Layer 10 • 7 layer • 8 layer • 9 layer • 10 layer • Carrier-class • Extraction • Metadata • Voice • Video • Messages • Attachments • Track • Map • People • Individual • Group 	<ul style="list-style-type: none"> • 5A001.j.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Optical fibers (high performance)	<ul style="list-style-type: none"> • Optical fiber • Optical fibre • Fiber-optic • Tensile stress • Fluorinated cladding • Fluorozirconate • Fluoroaluminate Chalcogenide • Spacecraft • Aerospace • Military 	<ul style="list-style-type: none"> • 5A001.c.
Phased array antennae (satellites)	<ul style="list-style-type: none"> • Phased Array Antenna • Phased Array Antennae • Phased-Array Antenna • Satellite 	<ul style="list-style-type: none"> • 5A001.d.
Ruggedized equipment	<ul style="list-style-type: none"> • Telecommunication • Equipment • Devices • Component • Circuit • Instrumentation • Radiation hardened • Thermal resistance • Thermal resistant • Thermal insulation • Extreme temperature • Ruggedized • Rugged • Harsh environment 	<ul style="list-style-type: none"> • 5A001
Radio equipment Ultra-wideband	<ul style="list-style-type: none"> • Channelising Code • Scrambling Code • Network Identification Code • Ultra-Wideband Modulation 	<ul style="list-style-type: none"> • 5A001.b.4.
Long-range radio equipment	<ul style="list-style-type: none"> • Radio • Linear amplifier • Linear PA 	<ul style="list-style-type: none"> • 5A001.b.2.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Modulation • Signal • Automatic selection • Frequencies • Channel • Ultra-wideband modulation • Instantaneous bandwidth • Ultra wideband • UWB • Impulse radio ultra-wideband • IR-UWB • Military VHF • Military UHF • Airborne • Combat radio • Tactical radio • Digitally controlled radio receivers • Digital radio receiver • Signal processing • Voice coding • Transmission • Transfer • Data transfer rates • Automatic selection 	
Satellite telecommunication equipment-5E	<ul style="list-style-type: none"> • On Board • Satellite • Communication • Trasmit 	<ul style="list-style-type: none"> • 5E002
Spread spectrum & Frequency-hopping tech	<ul style="list-style-type: none"> • Radio • Spread Spectrum • Frequency-Hopping • Military VHF • Military JTIDS • Military EJS • ATCRBS • Air traffic control radar beacon system 	<ul style="list-style-type: none"> • 5A001.b.3.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • FHSS • Frequency-hopping spread spectrum • DSSS • Direct-sequence spread spectrum • Military MIDS • DME/TACAN • Distance Measuring Equipment • Tactical Air Navigation 	
Superconductive materials devices - 5E	<ul style="list-style-type: none"> • Superconductive • Electronic • Devices • Circuits • Telecommunication • Communication 	<ul style="list-style-type: none"> • 5E002
Telecom & Info security software	<ul style="list-style-type: none"> • Software • Specially Designed • Communication • Equipment • Devices • Hardened • Radiation • Undersea • Underwater • Communication • Untethered • Radio • Digital Transfer Rates • Automatic Selection • Frequencies • Channel • Linear Amplifier • Simultaneous • Signal • Spread Spectrum Frequency • Frequency-Hopping Spread Spectrum 	<ul style="list-style-type: none"> • 5D002

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Ultra-Wideband Modulation • Digitally Controlled Radio Receivers • Digital Signal Processing • Voice Coding • Optical Fibres • Tensile • Electronically Steerable • Phased Array Antenna • Telecommunication • Transmission • Switching Equipment • Laser • Quadrature-Amplitude-Modulation • QAM • Telecontrol • Telemetry • Missiles • Rocket • Jamming Devices • Jamming Equipment • Interference • Wave • Frequency • Signal • Reception • Transmission • Interception • IP • Internet Protocol Network • Surveillance Systems • Intrusion Software 	
Telecom/switching equipment-Laser or QAM	<ul style="list-style-type: none"> • Telecommunication • Transmission • Telecommunication • Switching • Laser • Quadrature-Amplitude-Modulation 	<ul style="list-style-type: none"> • 5B001.b.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • QAM 	
Telecontrol equipm for missiles	<ul style="list-style-type: none"> • Telecontrol • Telemetry • Equipment • Device • Missiles • Rocket • Unmanned aerial vehicle • UAV • Command • Control 	<ul style="list-style-type: none"> • 5A101
Tracking moving objects detection system	<ul style="list-style-type: none"> • Passive Coherent Location • PCL • Radar • Detect • Track • Moving Object • System • Equipment • Device 	<ul style="list-style-type: none"> • 5A001.g.
Underwater untethered telecom equipm	<ul style="list-style-type: none"> • Undersea • Underwater • Deep-Water • Sub-Sea • Communication • Component • Untethered • Acoustic • Electromagnetic • Electronic Beam • Laser • Leds • Light-Emitting Diodes 	<ul style="list-style-type: none"> • 5A001.b.1.

CAT. 6 - SENSORS AND LASERS

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Cameras and components NSG	<ul style="list-style-type: none"> • High-Speed Cameras • Radiation hardened camera • High-Speed Imaging • Streak Cameras • Framing Cameras • Solid-State Cameras • Intensified Charge Coupled Device • ICCD • Explosive • Nuclear • Cameras • Plug-Ins 	<ul style="list-style-type: none"> • 6A203
Cryocoolers & optical sensing fibres	<ul style="list-style-type: none"> • Cryocoolers • Space qualified • Mean-Time-To-Failure • MTTF • Mean-Time-Between-Failure • MTBF • Joule-Thompson • Optical Fibres • Optical sensing fibres • Acoustically • Thermally • Inertially • Electromagnetically • Nuclear Radiation • Ionizing Radiation • Sensitive • Sensing 	<ul style="list-style-type: none"> • 6A002.d.
Direct view imaging equip	<ul style="list-style-type: none"> • Direct View • Image Intensifier • Focal Plane Array • Solid State Detectors • Focal Plane Array • Linear 	<ul style="list-style-type: none"> • 6A002.c.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Two-dimensional • Planar layer • Infrared Camera • Thermal imager • Imaging sensor • Thermal sensor • Thermal detector • Solid State Detectors • Optical • Image Intensifier Tubes • View • Vision 	
Electrooptic& nonlinear optical material	<ul style="list-style-type: none"> • Potassium Titanyl Arsenate • KTA • Silver Gallium Selenide • Aggase2 • Thallium Arsenic Selenide • TI3AsSe3 • Zinc Germanium Phosphide • Zngep2 • Gallium Selenide • Gase • CO2 Lasers • Detection CWA • Detection Chemical Warfare Agent • Detection Explosive • Second-Harmonic Generation • SHG • Infrared • Non-Linear Optical • Third Order Non-Linear Susceptibility • Response Time • Second Order Non-Linear Susceptibility • Space-Borne Lasers • High-Performance Computer 	<ul style="list-style-type: none"> • 6C004.b.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Gravity meters	<ul style="list-style-type: none"> • Gravity Meters • Gravimeters • Gravity Gradiometer • Ballistic • Missile • Guidance • Gravimetric map • Military • Launching • Launch facilities • Missile silos 	<ul style="list-style-type: none"> • 6A007 • 6A107
Laser - Optical Phased Array	<ul style="list-style-type: none"> • Fibre Laser • Fiber Laser • High Power • Digital Control • Optical Phased Array • Coherent Beam Combining • Optical Phased Array • Coherent Beam Combining 	• 6A005.f.
Laser materials	<ul style="list-style-type: none"> • Laser • Titanium Doped Sapphire • Sapphire Crystal • Rare-Earth-Doped Fibres 	• 6C005
Laser NSG	<ul style="list-style-type: none"> • Laser • Uranium • Enrichment • Isotope Separation • UF6 • Dye Laser Oscillator • Dye Laser Amplifier • Co2 laser • Carbon dioxide laser • CO laser • Dye laser 	• 6A205
Laser WA	Continuous Wave Laser Pulsed Laser Quantum Generators Masers	• 6A005

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	Laser Machining Laser Cutting Laser Welding CO Laser Carbon Monoxide Laser <ul style="list-style-type: none"> • Carbon Dioxide Laser • CO2 Laser • Laser Range-Finders • Laser Radar • Laser Lidar • Excimers Laser • Chemical Laser • Nd:Glass Laser • Neodymium Laser • Weapon • Missile • Bombs • Guidance Systems • Projectiles • Anti-Aircraft • Ballistic • Satellite • Defense • Military • Navigation Systems • Laser Communications • Uranium • Nuclear • Separation • Nuclear Reactor • Laser • Pulsed duration 	
Magnetometers	<ul style="list-style-type: none"> • Superconducting Quantum Interference Device • Optically Pumped Magnetometer • Nuclear Precession Magnetometer • Fluxgate Magnetometer • Induction Coil Magnetometers 	<ul style="list-style-type: none"> • 6A006

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Superconducting Ring • Quantum Magnetometers • SQUID • Magnetic Gradiometers • Electric Field Sensors • Submarine • U-Boat • Submersible • Radio Communication • Rocket • Spacecraft • Aerospace • Ship • Vessel • Craft • Mines • Unexploded Ordnance • Non-Destructive Testing • Defectoscopy 	
Marine Active Sensors	<ul style="list-style-type: none"> • Acoustic • Marine • Seabed survey • Survey equipment • Vessel survey • Sonar • Side Scan Sonar • Synthetic Aperture Sonar • Piezoelectric • Acoustic projector • Acoustic transducer • Transducers • Magnetostrictive • Side-lobe suppression • Correlation Velocity • CVL • Doppler velocity • DVL • Sonar • Underwater vehicle • UUV 	<ul style="list-style-type: none"> • 6A001.a.1. • 6A001.b.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Marine Passive Sensors	<ul style="list-style-type: none"> • Acoustic • Marine • Hydrophone • Hydrophone array • Piezoelectric composite • Towed acoustic hydrophone • Accelerometer-based • Heading sensor • Processing equipment 	<ul style="list-style-type: none"> • 6A001.a.2.
Mono/Multispectral Imaging sensors	<ul style="list-style-type: none"> • Monospectral Imaging • Multispectral Imaging • Remote Sensing • IFOV • Instantaneous Field Of View • Space Qualified • Airborne 	<ul style="list-style-type: none"> • 6A002.a.3.b.
Optical control equipment	<ul style="list-style-type: none"> • Gimbal • Fast Steering Mirrors • High Energy Lasers • High Accuracy • Line Of Sight • Alignment • Target Tracking • Free-Space Optical Communication • High Resolution Imaging • Infrared • High-Bandwidth • Resonator • Asphere • Optic • Mirror • Lens • Cones • Missile • Guidance Systems • Satellite • Ballistic 	<ul style="list-style-type: none"> • 6A004.d.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Optical detectors	<ul style="list-style-type: none"> • Laser • Optical • Sensor • Detector • Space Qualified • Solid State • Focal-Plane Array • Charge Multiplication • Spectrometr • LIDAR • Wave-Front Sensing • Missile • Weapon • Image Intensifier Tube 	<ul style="list-style-type: none"> • 6A002.a.
Optical eq measure absolute reflectance	<ul style="list-style-type: none"> • Measuring Absolute Reflectance • Equipment • Instrument • Devices • Laser • Light Beam • Spectrometer 	<ul style="list-style-type: none"> • 6B004.a.
Optical measurement precision equip	Laser Interferometer High Power Laser Space-Based Optical Measurement Precision	<ul style="list-style-type: none"> • 6B004.b.
Optical mirrors/reflectors	<ul style="list-style-type: none"> • Deformable Mirror • Deformable Reflector • High Energy Laser • Missile • Defense • Telescope • Laser Communication • Laser Damage Threshold • Laser Induced Damage • Laser Induced Damage Threshold 	<ul style="list-style-type: none"> • 6A004.a.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • LIDT • Fast beam steering mirror • FBSM • Lightweight • Monolithic Mirrors • Composite Mirror • Foam Mirror • Mirror • Laser Beam Steering 	
Optical sensor material (Tellurium)	<ul style="list-style-type: none"> • Tellerium • HgCdTe • Mercury cadmium telluride • Cadmium telluride • CdTe • Night vision • Sea borne • Space borne • Surveillance • Reconnaissance • Laser system • Warhead 	<ul style="list-style-type: none"> • 6C002
Photomultiplier Tubes	<ul style="list-style-type: none"> • Photomultiplier Tubes • Tubes • Photocathode • Anode pulse • Hydrodynamic • Radiographic Images • Gamma Radiation • Nuclear • Explosive 	<ul style="list-style-type: none"> • 6A202
Pulse radar cross-section measurement	<ul style="list-style-type: none"> • Radar Cross-Section System • Radar Cross-Section • Stealth • Low observability • Radar Cross-Section • Aircraft • Missile • Ship 	<ul style="list-style-type: none"> • 6B008

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Vehicle • Unmanned aerial vehicle • UAV • Target 	
Radar systems & tracking systems	<ul style="list-style-type: none"> • Fire Control Radar • Targeting Control Radar • Anti-Aircraft Radar • Gun Laying Radars • Radar • Homing Head • Air Defence Radar • SAM Radar • AMD Radar • Missile Defence Radar • Anti-Missile Radar • Airborne Early Warning And Control System • AEWCS • Radar Altimeter • Aircraft • 3D Radars • Drone Radars • Surveillance Radar • Target Detection Radar • Target Recognition Radar • Target Tracking Radar • Military • Weapon Control Radars • Side-Looking Airborne Radar • Synthetic Aperture Radar • Inverse Synthetic Aperture Radar • Surveillance • Ship Navigation Radars • Marine Navigation Radars • Synthetic Aperture Radar • Inverse Synthetic Aperture Radar • Space Radars • Steerable Antenna 	<ul style="list-style-type: none"> • 6A008 • 6A108

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Space Radar Phased Antenna Arrays • Height-Finding Radar • Frequency Agility Radar • Spread Spectrum • Guidance • Target Identification • Light Detection And Ranging • LIDAR • Bathymetric Surveys • Rescue Mission • Rescue Operation • Aerial Reconnaissance • Space Reconnaissance • Photonic • Heterodyne • Homodyne • Demodulation • Pulse-Compression • Ground Radars • Airborne Radars • Automatic Target Tracking • Laser Detection And Ranging • LADAR • Light Detection And Ranging • Missile • Space Launch • Sounding Rocket • Tracking System 	
Radiation rugged detectors	<ul style="list-style-type: none"> • Radiation Hardened Detectors • Radiation Resistant Detectors • Radiation Hardened Sensor • Radiation Resistant Sensor • Radiation rugged detectors 	<ul style="list-style-type: none"> • 6A102
Space-qualified components optical syst	<ul style="list-style-type: none"> • Mirror • Glass-Ceramic 	<ul style="list-style-type: none"> • 6A004.c.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Silicon Carbide • Telescope • Surface Coatings • Single-Layer • Multi-Layer • Metallic • Dielectric • Conducting • Semiconducting • Insulating 	
Substrate blanks (SiC or Be/Be)	<ul style="list-style-type: none"> • Substrate • Wafer • Beryllium beryllium • Be Be • Silicon carbide • SiC • Mirror • Optical component 	<ul style="list-style-type: none"> • 6C004.d.
Velocity interferometers	<ul style="list-style-type: none"> • Velocity Interferometers • VISAR • Fabry-Perot Interferometer • Doppler Laser Interferometer • Photonic Doppler Velocimeters • Heterodyne Velocimeters • DLIs • Het-V • PDV • Velocity Interferometer Systems for Any Reflector • Hydrodynamic • Detonation • Explosive • Nuclear • Implosion 	<ul style="list-style-type: none"> • 6A225
Zinc Selenide/sulphide optical component	<ul style="list-style-type: none"> • Zinc Selenide • Znse • Zinc Sulphide 	<ul style="list-style-type: none"> • 6A004.b.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Zns • Missile • CO2 Laser • Lenses • Mirror • Optical • Infrared • Window • Sights • Defence • Defense • Satellite • Missile • Night Vision • Coating • Optical • Composite 	

CAT. 7 - NAVIGATION AND AVIONICS

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Airborne altimeters	<ul style="list-style-type: none"> • Airborne Altimeters • Altitude Meter • Altitude Gauge • Radar Altimeter • Aircraft • Satellite • Missile • Landing • Coherent-pulse • Terrain following radar • Phase shift • Power management • Power control 	<ul style="list-style-type: none"> • 7A006
Altimeters for space launch	<ul style="list-style-type: none"> • Radar Altimeter • Laser Altimeter • Spacecraft bus • Launch Vehicle • Sounding Rocket 	<ul style="list-style-type: none"> • 7A106
GNSS receiving equipment	<ul style="list-style-type: none"> • Global Navigation Satellite Systems Receivers • GNSS Receivers • GPS Receivers • GLONASS Receivers • Galileo Receivers • Decryption • Defence • Countermeasures • Interference • Jamming • Adaptive Antenna • Ballistic • Missile • Naval Ship • Unmanned Air Vehicles • UAV • Noise-Immune • Launch Vehicle • Sounding Rocket 	<ul style="list-style-type: none"> • 7A005 • 7A105

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Spacecraft • Anti-Jam 	
Guidance sets of high accuracy	<ul style="list-style-type: none"> • Guidance Set • Guidance System • Navigation • Flight control • Missile • Rocket • ICBM • CEP • Circular Error Probable • Accuracy • High Precision 	<ul style="list-style-type: none"> • 7A117
Gyros	<ul style="list-style-type: none"> • Gyroscope • Gyros • Angular rate sensors • Missile • Ballistic • Rocket • UAV • Submarines • Underwater • Marine • Aircraft • Spacecraft • Torpedoes • Tank guns • Armament • Fibre optic gyroscopes • Ring laser gyroscopes • Scatterometers • Profilometers • Reflectometers • Ring laser • RLG mirror 	<ul style="list-style-type: none"> • 7A002 • 7A102 • 7B002
Inertial measurement equipment MTCR	<ul style="list-style-type: none"> • Attitude And Heading Reference Systems • Gyrocompasses • Inertial Navigation Systems 	<ul style="list-style-type: none"> • 7A003 • 7A103.a.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Inertial Reference Systems • Inertial Reference Units • Inertial Measurement System • IMU • Linear Accelerometer • Angular Accelerometers • Rotational Accelerometer • Gyros • Angular Rate Sensors • Missiles • UAV • Rocket • Ballistic 	
Accelerometers	<ul style="list-style-type: none"> • Linear Accelerometers • Angular Accelerometers • Rotational accelerometer • Missile • Rocket • Navigation • Guidance • Military • Combat • Submarine • Aircraft • Vessel • Laser 	<ul style="list-style-type: none"> • 7A101
Navigation equipment & systems	<ul style="list-style-type: none"> • Attitude And Heading Reference Systems • Inertial Navigation Systems • Gyrocompasses • Inertial Reference Systems • Inertial Reference Units • Inertial Measurement System • Inertial Measurement Unit • IMU • Inertial Guidance System • Gyrostabiliser • Automatic Pilot 	<ul style="list-style-type: none"> • 7A116

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Flight Instrument System • Missiles • UAV • Rocket • Ballistic • Land Vehicle • Carrier Vehicle • True North • Heading Estimation • Acceleration • Two Axes • Three Axes • Angle Random Walk 	
Passive sensor for heading determination	<ul style="list-style-type: none"> • Passive Sensor • Electromagnetic • Space launch • Heading • Angular Orientation • Bearing • Imaging Sensor • Interferometer • Mapping • Missile • Rocket • Launch Vehicle • Spacecraft • Radio Frequency • Electromagnetic Source 	<ul style="list-style-type: none"> • 7A115
Source code for inertial navigation eq	<ul style="list-style-type: none"> • Source Code • Inertial Navigation • Attitude And Heading Reference System • Navigational Error 	<ul style="list-style-type: none"> • 7D002
Star trackers / gyro-astro compasses	<ul style="list-style-type: none"> • Star Trackers • Astronavigation System • Celestial Navigation • Stellar attitude sensors • Gyro-astro compasses • Spacecraft 	<ul style="list-style-type: none"> • 7A004

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Space bus • Satellite • Space probe • Missile • Rocket • AUV 	
Test, calibration, alignment equipment	<ul style="list-style-type: none"> • Testing equipment • Calibration equipment • Alignment equipment • Missile navigation system • UAV navigation system • Spacecraft navigation system • Ship navigation system • Land vehicle navigation system • Ground vehicle navigation system • Inertial systems • Inertial sensors • Accelerometers • Gyros • GNSS • Sonar systems • Star trackers • Altimeters • Test equipment • Calibration • Alignment • Test benches • Navigation system • Ship • Land vehicle • Inertial measurement unit • Gyros test station • Accelerometer Test Station 	<ul style="list-style-type: none"> • 7B001
Underwater sonar navigation systems	<ul style="list-style-type: none"> • Doppler Velocity Sonar • Correlation Velocity Sonar • Correlation Velocity Log • Doppler Velocity Log 	<ul style="list-style-type: none"> • 7A008

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none">• Navigation• Submarine	

CAT. 8 – MARINE

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Air-independent power systems	<ul style="list-style-type: none"> ● Air-Independent Power ● Air Independent Power ● Air Independent Propulsion ● Air-Independent Propulsion ● Rankine ● Brayton ● Fuel Cells ● Stirling ● Close Cycle Diesel ● Submarine ● AUV ● Autonomous underwater vehicle ● Underwater ● Subsea ● AIP ● Absorber ● Air-Independent ● Scrubber ● Closed Diesel Engine ● Carbon Dioxide ● CO2 ● Carbon Monoxide ● Submersible 	<ul style="list-style-type: none"> ● 8A002.j.
Diver deterrent acoustic systems	<ul style="list-style-type: none"> ● Diver Deterrent ● Underwater Sound Projector ● Acoustic Cannon ● Diver ● Acoustic ● Disrupt 	<ul style="list-style-type: none"> ● 8A002.r.
Fibre optic pressure hull penetrators	<ul style="list-style-type: none"> ● Hull Penetrators ● Pressure Hull ● Fiber Optic ● Optical Fiber ● Connectors 	<ul style="list-style-type: none"> ● 8A002.c.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Fiber Optic Connector • Optical Fiber Connector • Submarine • Submersible • Underwater • Subsea • Deep Water • Remotely Operated Vehicle • ROV • AUV • Autonomous underwater vehicle 	
Manned underwater vehicle	<ul style="list-style-type: none"> • Underwater vehicle • Remotely operated vehicles • ROV • Deep sea submersible • Submarine • Submersible vehicles • Magnetic compass • Optical gyroscope • Mechanical gyroscope • Roll and pitch sensor • Depth gauge • Hydrostatic pressure • Fathometer • Echo sounding • Doppler sonar lag • Hydrodynamic lag • Strap-down inertial navigation system • SINS • Strap-down INS • Satellite navigation • Sonar transceiver • Transceiver satellite • Manned • Depth • Deep sea • Underwater vehicle 	<ul style="list-style-type: none"> • 8A001.a. • 8A001.b.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Submersible vehicles • Manned submersible vehicles • 	
Marine systems, equipment and components	<ul style="list-style-type: none"> • Pressure Hulls • Pressure Housing • Underwater Vehicles • Remotely Operated Vehicles • Submersibles • Submarine • Underwater Systems • Deep-Sea • Deep Water • Deep-Diving • Depth • Direct Current Propulsion Motors • DC Propulsion Motor • DC Thrusters • Propulsion Motors • Steering Motors • Thrusters • Underwater Robot • Umbilical Cables • Tether Cables • Underwater • Subsea • Optical Fiber Cables • Fiber Optic Cables • Fiber Optic Connectors 	<ul style="list-style-type: none"> • 8A002.a.
Ocean salvage systems	<ul style="list-style-type: none"> • Salvage Sunken Ship • Rescue Sunken Ship • Lifting Sunken Object • Raising Sunken Object • Raising Sunken Ship • Salvage Sunken Vessel • Rescue Sunken Vessel • Raising Sunken Vessel • Salvage Sunken Submarine • Rescue Sunken Submarine 	<ul style="list-style-type: none"> • 8A001.e.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Raising Sunken Submarine • Gripper • ROV • Remotely Operated Vehicle • Rescue • Submarine • Underwater • Sea • Vessel • Ship • Dynamic Positioning System • Seafloor navigation • Navigation integration • Rescue Vessels 	
Pressure hulls & housing	<ul style="list-style-type: none"> • Pressure Hulls • Pressure Housing • Underwater Vehicles • Remotely Operated Vehicles • Submersibles • Submarine • Underwater Systems • Deep-Sea • Deep Water • Deep-Diving • Depth 	<ul style="list-style-type: none"> • 8A002.a.1.
Propellers & noise reduction systems	<ul style="list-style-type: none"> • Controllable-Pitch Propellers • Ship • Vessel • Water Cooled Electric Motors • Superconductive Propulsion • Superconductive Motor • Permanent Magnet Electric Propulsion 	<ul style="list-style-type: none"> • 8A002.o.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Permanent Magnetic Machine • Permanent Magnet Motor • Naval • Submarine • Electric Propulsion Permanent Magnet • Ventilated Propeller • Supercavitating Propellers • Active Noise Reduction • Noise Cancellation • Vibration Rubber Mounts • Vibration Isolating Mount • Acoustic Isolation • Diesel Engines • Diesel Generator Sets • Gas Turbines • Propulsion Motors • Propulsion Reduction Gears 	
Propulsion motors & thrusters	<ul style="list-style-type: none"> • Direct Current Propulsion Motors • DC Propulsion Motor • DC Thrusters • Propulsion Motors • Steering Motors • Thrusters • Underwater Vehicles • Underwater Robot • Remotely Operated Vehicles • ROV • Submersibles • Submarine • Deep-Sea • Deep Water 	<ul style="list-style-type: none"> • 8A002.a.2.
Pumpjet propulsion systems	<ul style="list-style-type: none"> • Pumpjet • Pump Jet • Water-Jet • Divergent nozzle 	<ul style="list-style-type: none"> • 8A002.p.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Hydrodynamic propulsion • Propelling • Propulsion • Propeller • Propellant • Marine 	
Remotely controlled manipulators	<ul style="list-style-type: none"> • Remotely Controlled Manipulators • Underwater • Submarine • AUV • Automated underwater vehicle • Submersible • Sensor • Torque • Manipulator • Sensors • Tactile Sense • Master Slave 	<ul style="list-style-type: none"> • 8A002.i.
Syntactic foams	<ul style="list-style-type: none"> • Syntactic Foams • Neutrally Buoyant • Neutral Buoyancy • Epoxy Coating • Epoxy Resin • Deep-Sea • Sub-Sea • Deep Water • Marine • Underwater Vehicle • Submersibles • Buoyancy 	<ul style="list-style-type: none"> • 8C001
Umbilical cable and tether cables	<ul style="list-style-type: none"> • Umbilical Cables • Tether Cables • Underwater Vehicles • Remotely Operated Vehicles • Submersibles • Submarine 	<ul style="list-style-type: none"> • 8A002.a.3.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Deep-Sea • Deep Water • Underwater • Subsea • Optical Fiber Cables • Fiber Optic Cables • Fiber Optic Connectors 	
Underwater light systems	<ul style="list-style-type: none"> • Underwater Light System • Stroboscopic Light Systems • Underwater Strobe • Underwater Searchlight • Underwater Lamps 	<ul style="list-style-type: none"> • 8A002.g.
Underwater Robots	<ul style="list-style-type: none"> • Underwater Robot 	<ul style="list-style-type: none"> • 8A002.h.
Underwater swimming & diving equipm	<ul style="list-style-type: none"> • Underwater Swimming Equipment • Closed Rebreather • Semiclosed Rebreather • Atmospheric diving suit • Man Diving Bell 	<ul style="list-style-type: none"> • 8A002.q.
Underwater vision systems	<ul style="list-style-type: none"> • Underwater Vision Systems • Underwater Imaging Systems • Underwater LIDAR • Underwater Laser Systems • Underwater Laser Vision • Range-Gated Imaging System • Underwater Cameras • 3D Camera • Underwater Imaging • Stereoscopic Imaging • Vision-Based System • Laser Vision • Remotely Operated Vehicle • ROV • Underwater Vehicle • AUV • Submarine 	<ul style="list-style-type: none"> • 8A002.d.

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Unmanned underwater vehicles	<ul style="list-style-type: none"> • Unmanned underwater vehicle • UUV • Autonomous underwater vehicle • AUV • Remotely operated vehicles • ROV • Submersible vehicle • Magnetic compass • Optical gyroscope • Mechanical gyroscope • Roll and pitch sensor • Depth gauge • Hydrostatic pressure • Fathometer • Echo sounding • Doppler sonar lag • Hydrodynamic lag • Strap-down inertial navigation system • SINS • Strap-down INS • Satellite navigation • Sonar transceiver • Transceiver satellite • Underwater glider • AUV gliders • Navigation • Propulsion • 	<ul style="list-style-type: none"> • 8A001.c.
Water tunnels	<ul style="list-style-type: none"> • Water Tunnel • Propellers • Propulsion • Rudders • Cavitation • Acoustic Fields • Acoustic Measure 	<ul style="list-style-type: none"> • 8B001

CAT. 9 - AEROSPACE AND PROPULSION

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Aero gas turbine engines & components	<ul style="list-style-type: none"> • Aircraft • UAV • Unmanned Aerial Vehicle • Helicopter • Missile • Gas Turbine Engines • Afterburner • Turbojet • Turbofan • Turboprop • Turboshaft • Directional Solidification • Single Crystal • Gas Turbine • Mach 	<ul style="list-style-type: none"> • 9A001
Aerodynamic test facilities-Wind tunnel	<ul style="list-style-type: none"> • Aerodynamic Test • Wind Tunnel Test • Shock Tunnel • Shock Tube • Air Flow • Airflow • Missile • Rocket • UAV • Unmanned Aerial Vehicle • Reentry Vehicle • Re-Entry Vehicle • Automated data • Online control • On-line control • Wind tunnel • Missiles • Aircraft • UAV • Aerial vehicle • Air vehicle • Propulsion • Aeropropulsion • Aerospace 	<ul style="list-style-type: none"> • 9B105

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Aeroengine • Data acquisition • Data processing • Airflow measurements • Real-time control • Hot-shot tunnel • Plasma arc tunnel • Shock tubes • Shock tunnel • Gas tunnel • Light gas guns 	
Aerothermodynamic test facilities	<ul style="list-style-type: none"> • Aerothermodynamic Test • Arc Jet System • Arc Jet Facility • Arc Jet Simulation • Arc Jet Test • Plasma Wind Tunnel • Aerodynamic Heating Facility • Missile • Rocket • UAV • Unmanned Aerial Vehicle • Reentry Vehicle • Re-Entry Vehicle • Atmospheric Reentry • Thermal Protection Systems • Heat Shield • Reentry Aero-Heating • Hypersonic 	<ul style="list-style-type: none"> • 9B107
Component & structure for SLV-spacecraft	<ul style="list-style-type: none"> • Launch Vehicle • Spacecraft • Rocket • Space vehicle • Payload • Space bus • Satellite • Space probe • Paramids 	<ul style="list-style-type: none"> • 9A010

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Para-aramids • Kevlar • Twaron • Carbon fiber • Carbon fibre • Carbon fibrous • Carbon coated • Resin impregnated • Pitch based • Epoxy prepgs • Epoxy resin • Polyepoxides • Polyimides • Bismaleimides • Aromatic polyimides • Aromatic polyetherimides • Titanium diboride • TiB₂ • Aluminium oxide • Al₂O₃ • Silicon nitride • Si-N • Silicon carbon nitrate • Si-C-N • Silicon carbide • Silicon alumina • Zirconium carbide • Zirconium nitride • Boron carbide • Boron nitride • Polysilazanes • Nickel aluminides • Titanium aluminides • Active vibration isolation • Active vibration suppression • Vibration isolation • Remote sensing • Orientation systems • Pulsed liquid rocket • Pulsed detonation • Liquid rocket 	

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Electrical connectors for missile & SLV	<ul style="list-style-type: none"> • Space Launch Vehicle • Carrier Rocket • Rocket • UAV • Unmanned Aerial Vehicle • Missile • Electrical Connectors • Umbilical Connectors • Interstage Connectors 	<ul style="list-style-type: none"> • 9A121
Environmental & anechoic chambers	<ul style="list-style-type: none"> • Environmental Chambers • Anechoic Chambers • High Pressure Chambers • Thermal Chambers • Temperature Chambers • Acoustic Chamber • Temperature Vibration Test • High-Altitude Test • Temperature Vibration Test • Thermal Vibration Test • Missile • Rocket 	<ul style="list-style-type: none"> • 9B106
Gas turbine (GT) brush seals	<ul style="list-style-type: none"> • Brush Seals • Gas Turbine • Aircraft • Aero-Engine • Turbojet • Turbofan • Turboprop • Turboshaft • Missiles • UAV • Aerial Vehicle • Air Vehicle • Production • Test • Development • Gas Turbine • Test Bench 	<ul style="list-style-type: none"> • 9B003

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Electron-Beam Welding • Production Lines • Heat-Resistant Superalloys • Cobalt • Nickel • Aramid Fibres • Carbographite • Electrochemical Machining • Electrochemical • High Temperature Brush Seal 	
Superalloy joining for gas turbines	<ul style="list-style-type: none"> • Tools • Dies • Fixtures • Blisks • Blings • Bladed Disks • Aeroengine • Airfoil • Disk Blade • Gas turbine • Joining • Linear Friction Welding • Superalloy • Titanium • Metal Matrix Composite • Ceramic Matrix • Ceramic Composite • Titanium Diboride • Tib2 • Aluminium Oxide • Al2O3 • Silicon Nitride • Si-N • Silicon Carbon Nitrate • Si-C-N • Silicon Carbide • Silicon Alumina • Zirconium Carbide • Zirconium Nitride • Boron Carbide 	<ul style="list-style-type: none"> • 9B004

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Boron Nitride • Polysilazanes • Nickel Aluminides • Titanium Aluminides • Filamentary Material • P-Aramids • Para-Aramids • Kevlar • Twaron • Carbon Fiber • Carbon Fibre • Carbon Fibrous • Carbon Coated • Resin Impregnated • Pitch Based • Epoxy Prepregs • Epoxy Resin • Polyepoxides • Polyimides • Bismaleimides • Aromatic Polyimides • Aromatic Polyetherimides 	
Hybrid rocket propulsion systems	<ul style="list-style-type: none"> • Hybrid Rocket Propulsion • Hybrid Rocket Engines • Hybrid Rocket • Missile • Rocket Stages • Launch Vehicles • Sounding Rockets 	<ul style="list-style-type: none"> • 9A009 • 9A109
Insulation material for rocket engine	<ul style="list-style-type: none"> • Insulator • Insulation coating • Thermal resistant • Thermal insulation • Thermal shield • Insulating material • Rocket Motor • Rocket Engine • Missile 	<ul style="list-style-type: none"> • 9C108

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Launch support equipment	<ul style="list-style-type: none"> • Space Launch Vehicle • Spacecraft • Rocket • Missile • Air launch • Sounding rockets • Sub-orbital • Launch Pad • Launch System • Launcher • Command-And-Control • Command And Control • Mobile launcher • Boat-tail • Swing arm • Umbilical release • Space Launch Vehicle • Spacecraft Bus • Spacecraft Payload • Spacecraft System • Rocket • Missile • Missile Support Equipment • Transporter-Erector-Launcher • Mobile Erector Launcher • Transporter-Erector • Transfer Alignment • Fueling Equipment • Propellant Supplying 	<ul style="list-style-type: none"> • 9A115
Liquid/gel propellant rocket engines	<ul style="list-style-type: none"> • Gelled Propellant • Gel Propellant • Liquid Propellant Rocket Engine • Rocket Motor • Rocket Engine • Unmanned Aerial Vehicle • Unmanned Air Vehicle • UAV • Missile • Thrust Control 	<ul style="list-style-type: none"> • 9A005 • 9A006 • 9A105

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Fuel Injectors • Control System • Combustion Chamber 	
Manufacture tools gas turbing blades etc	<ul style="list-style-type: none"> • Directional Solidification • Single Crystal • Gas Turbine Component • Gas Turbine Blade • Vanes • Core • Shell • Mould • Additive Manufacturing • Gas Turbine • Refractory • Metal • Ceramic 	<ul style="list-style-type: none"> • 9B001.b.
Marine gas turbine engines	<ul style="list-style-type: none"> • Marine Gas Turbine • Gas Turbine Propulsion • Heavy Duty Gas Turbine • Industrial Gas Turbine • Aeroderivative Gas Turbine • Aero-Derivative Gas Turbine • Ship • Vessel • Marine 	<ul style="list-style-type: none"> • 9A002
On-board systems and equipment	<ul style="list-style-type: none"> • Payload Data • Orbit Control • Telemetry Data • Data Handling • Command data • Spacecraft • Satellite • Space vehicle • Space probe 	<ul style="list-style-type: none"> • 9A004.e.
On-line control systems for gas turbine	<ul style="list-style-type: none"> • FADEC • Full Authority Digital Engine Control Systems 	<ul style="list-style-type: none"> • 9B002 • 9D003

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Automated Data • Engine Stability • Flow Control • Flow Path • Gas Turbine • Missiles • Aircraft • UAV • Aerial Vehicle • Air Vehicle • Vessels • Submarine • Aeroderivative • Propulsion • Aeropropulsion • Aerospace • Aeroengine • Aero Gas Turbine • Marine Gas Turbine • Software 	
On-line control wind tunnels	<ul style="list-style-type: none"> • Automated Data • Wind Tunnel • Missiles • Aircraft • UAV • Aerial Vehicle • Air Vehicle • Propulsion • Aeropropulsion • Aerospace • Aeroengine 	<ul style="list-style-type: none"> • 9B005.a.
Powder metallurgy for gas turbine engine	<ul style="list-style-type: none"> • Powder Metallurgy • Cold Isostatic Press • Furnace Coatings • Metal Injection Moulding • Selective Laser Sintering • Gas Turbine • Isostatic Press • Aerospace • Powder Metallurgy 	<ul style="list-style-type: none"> • 9B009

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Pulse jet engine	<ul style="list-style-type: none"> • Pulse Jet Engine • Pulsejet Engine • Pulse Jet • Pulsejet • UAV • Unmanned Aerial Vehicle • Missile • Rocket • Supersonic • Hypersonic • Aircraft • Fuel Injection • Propulsion System 	<ul style="list-style-type: none"> • 9A111
Ramjet, scramjet & combined cycle engine	<ul style="list-style-type: none"> • Ramjet • Scramjet • Combined Cycle Engines • Fuel Injection • Air Flow Alignment • Diverting Valves • Dividers • Moving Blades • Aerodynamic Grids • Combustion Stabilisers • Feed System • Control Unit • Fuel Controller • Electronic Control • Missile • Weapon • Rocket • Supersonic • Hypersonic 	<ul style="list-style-type: none"> • 9A011
Reentry vehicle	<ul style="list-style-type: none"> • Rocket • Missile • Hypersonic • HGV • Reentry Vehicle • Re-Entry Vehicle • MARV • Heat Shield 	<ul style="list-style-type: none"> • 9A116

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Thermal Protection Systems • Heat Sink • Ultra High Temperature Ceramic • Silicon-Carbide 	
Resin/metal coated fibre prepregs/preform	<ul style="list-style-type: none"> • Rocket • Unmanned Aerial Vehicle • UAV • Missile • Heat Shield • P-Aramids • Para-Aramids • Kevlar • Twaron • Carbon Fiber • Carbon Fibre • Carbon Fibrous • Carbon Coated • Resin Impregnated • Epoxy Prepregs • Epoxy Resin • Epoxy Foam • Epoxy Filament • Epoxy Composite • Polyepoxides • Polyimides • Bismaleimides • Aromatic Polyimides • Aromatic Polyetherimides • Resin Prepregs • Metal Coating Fibre • Metal coated fiber • Organic matrix composite • Metal matrix composite 	<ul style="list-style-type: none"> • 9C110
Rocket motor Non-destructive test	<ul style="list-style-type: none"> • Rocket • ICBM • Non Destructive Test • Non Destructive Inspection • Ultrasonic Test 	<ul style="list-style-type: none"> • 9B007

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • X-Ray Test • X-Ray Radiography • Tomography 	
Skin friction transducers	<ul style="list-style-type: none"> • Skin Friction • Transducers • Supersonic • Hypersonic • Friction 	<ul style="list-style-type: none"> • 9B008
Solid rocket propulsion systems	<ul style="list-style-type: none"> • Solid Rocket Propulsion Systems • Solid Rocket • SRM • Propulsion System • Motor grain • Propellant grain • Total Impulse • Specific Impulse • Motor Insulation • Heat Insulating • Thermal Insulation • Bonding System • Propellant Bonded • Filament-Wound • Movable Nozzle • Flexible Nozzle • Thrust Vector Control • Thrust Control • Thrust Tabs • Omni-Axial • Angular Vector 	<ul style="list-style-type: none"> • 9A007
Sounding rocket	<ul style="list-style-type: none"> • Sounding Rocket • Rocketsonde • Research Rocket • Long range • Sub-orbital • Orbital • Satellite • Aeronomy • Meteorology 	<ul style="list-style-type: none"> • 9A104

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Space launch vehicle - Spacecraft	<ul style="list-style-type: none"> • Space Launch Vehicle • Carrier Rocket • Spacecraft Bus • Spacecraft Payload • Spacecraft System • Anti-Missile • Anti-Satellite • ASAT • Destruction Systems • Earth Satellite Vehicles • Space Weapon • Ground simulators • Sub-orbital vehicle • Satellite • Space probe • Launch • Spacecraft 	<ul style="list-style-type: none"> • 9A004
Spraying-fogging systems	<ul style="list-style-type: none"> • UAV • Unmanned Aerial Vehicle • Drone • Aircraft • Airplane • Helicopter • Air Vehicle • Controlled Droplet Application • Aerial Atomisers • Aerial Sprayers • Aerial Spraying • Sprayer System • Aerosol Device • Chemical Spray Device • Chemical Spray Apparatus • Chemical Spray System • Spray Pods • Arrays Aerosol • Spray Booms • Rotary Atomiser • Pressure Nozzle • Spray Nozzle 	<ul style="list-style-type: none"> • 9A350

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Staging/separation mechanisms	<ul style="list-style-type: none"> • Rocket • Missile • Staging Mechanisms • Explosive Bolts • Stage Separation • Missile Separation • Rocket Separation • Linear Shaped Charges • Rocket Stage 	<ul style="list-style-type: none"> • 9A117
Telemetry-telecommand eq & Simulators	<ul style="list-style-type: none"> • Telemetry • Control • Guidance • Telemetry System • Telecommand • Spacecraft • Space Shuttle • Satellite • Ground Simulator • Air-Bearing Spacecraft Simulators 	<ul style="list-style-type: none"> • 9A004.f.
Test bench/stand for rocket engine	<ul style="list-style-type: none"> • Test Bench • Test Stand • Rocket Motor • Rocket Engine 	<ul style="list-style-type: none"> • 9B117
Turbojet & turbofan engines	<ul style="list-style-type: none"> • UAV • Unmanned Air Vehicle • Unmanned Aerial Vehicle • Drone • Missile • Turbojet • Turbofan • Air Breathing • Airbreathing 	<ul style="list-style-type: none"> • 9A101
Turboprop engine (UAV)	<ul style="list-style-type: none"> • UAV • Unmanned Air Vehicle • Unmanned Aerial Vehicle • Rotary combustion • Rotary engine 	<ul style="list-style-type: none"> • 9A102

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Wankel engine • Drone • Gearbox • Turboprop 	
UAV, unmanned airships, equipm & comp	<ul style="list-style-type: none"> • Remotely piloted vehicle • Remotely piloted aerial systems • RPAS • Optionally piloted • Optionally piloted vehicle • OPV • UAV • Unmanned Aerial Vehicle • Uninhabited Aerial Vehicle • Unmanned Airship • Drone • Turbojet • Ground Control Station • Forward-Looking Camera • Weapon Systems • Navigation System • Remote Piloting • Rotary Combustion • Rotary Engine • Wankel Engine • Air Breathing • Airbreathing • Target Identification • Autonomous Flight Control • Spray System • Spray Device • Spray Mechanism • Convert Aircraft UAV • Convert Aircraft • Unmanned Aerial Vehicle • Conversion aircraft UAV 	<ul style="list-style-type: none"> • 9A012 • 9A112

ADDITIVE MANUFACTURING

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
AD-focus on metal-ceramics powder	<ul style="list-style-type: none"> • Fused deposition • Fused filament • Polymer • Carbon fibre • Digital Light Processing • Powder bed • Electron-beam melting • Selective laser melting • Selective heat sintering • Selective laser sintering • Direct metal laser sintering • Stereolithography • Directional solidification • Single crystal • Beryllium • Aluminium • Maraging steel • Inconel • Superalloys • Ceramics • Additive manufacturing • 3D print 	
Additive manufacturing	<ul style="list-style-type: none"> • Fused Deposition • Fused filament • Polymer • Carbon fibre • Digital Light Processing • Metal • Ceramic • Powder Bed • Electron-Beam Melting • Selective Laser Melting • Selective Heat Sintering • Selective Laser Sintering • Direct Metal Laser Sintering • Stereolithography • Fused Filament • Additive Manufacturing 	

ADDITIVE MANUFACTURING

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	• 3D Print	

ARTIFICIAL INTELLIGENCE

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
AI (general)	<ul style="list-style-type: none"> • Artificial Intelligence • AI-powered 	
AI chipsets	<ul style="list-style-type: none"> • Artificial Intelligence • Micro-chip • High-performance computing • HPC • Semiconductors • Semi-conductors • Integrated circuits • Microprocessor • Field Programmable Gate Arrays • FPGA • Field programmable logic devices • CPU • Application specific integrated circuit • ASIC • System on chip • System on a chip 	
Automatic hazard detection	<ul style="list-style-type: none"> • Hazard detection • Buried explosive • Buried target • Cyber attack detection • Early warning systems • Cyber • Defence • Defense • Genetic algorithms • Genetic programming • Artificial neural networks • ANN • Deep learning • Machine learning • Data analysis • Artificial intelligence 	

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Autonomous weapons systems	<ul style="list-style-type: none"> • Autonomous Weapons Systems • Unmanned weapon • Robotic weapon • Warfare system • Combat system • Target identification • Airborne reconnaissance • Sensor • Image recognition • Gravity • Military logistics • Autonomous driving • Autonomous flying • Genetic algorithms • Genetic programming • Artificial neural networks • ANN • Deep learning • Machine learning • CPU • FPGA • Field Programmable Gate Array • Application specific integrated circuit • ASIC 	
Genetic algorithms & genetic programming	<ul style="list-style-type: none"> • Genetic Algorithms • Genetic Programming • Weapon • Cyber Security • Computer Security • Information Security • Nuclear • Missile • Rocket • Blockchain • Block Chain • Distributed Ledger • Cryptography • Nanotechnology 	

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Biometrics • Air defense • AI • Artificial Intelligence • Artificial Neural Networks • Anns • High-performance computing • Deep learning • Machine learning • CPU • FPGA • Field Programmable Gate Array • Application specific integrated circuit • ASIC 	
Machine learning technology	<ul style="list-style-type: none"> • AI • Artificial Intelligence • Artificial Neural Networks • Anns • Weapon • Cyber Security • Computer Security • Information Security • Nuclear power • Nuclear reactor • Missile • Rocket • Drone • UAV • Unmanned aerial vehicle • Unmanned aircraft system • Blockchain • Block Chain • Distributed Ledger • Cryptography • Nanotechnology • Machine Learning 	
Swarm intelligence	<ul style="list-style-type: none"> • Swarm 	

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none">● Swarms● Artificial intelligence● AI● Robot● Robotic● Drone● UAV● Unmanned aerial vehicle● UAS● Unmanned aerial systems	

BIOTECHNOLOGY

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Biochip	<ul style="list-style-type: none"> ● Biochip 	
Biosensors	<ul style="list-style-type: none"> ● Biosensor ● Nanostructured ● Nanomaterial ● Nanowires 	
Genome editing	<ul style="list-style-type: none"> ● Transcription Activator-Like Effector Nuclease ● Talen ● Meganuclease ● Endodeoxyribonuclease ● Zinc-Finger Nucleases ● DNA double-strand break ● CRISPR/Cas9 ● Gene ● Genome ● Editing ● Engineering ● Pathogen ● Virus ● Bacteria ● Bacterium ● Fungus ● Fungi 	
Molecular/DNA sensing-programming	<ul style="list-style-type: none"> ● Molecular Sensing ● Molecular Computing ● DNA Computing ● Molecular Programming ● Analogue ● Digital ● Signal Processing ● Integrated Circuits 	
Nanobiology	<ul style="list-style-type: none"> ● Nanobiotechnology ● Bionanotechnology ● Nanobiology ● Nanotechnology ● Biology 	
Pathogen alteration	<ul style="list-style-type: none"> ● Altering Pathogen 	

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Altering Virus • Modified Virus • Mutant Virus • Transmissible • DNA Sequencing • Virus AND Transmi* • Bacteria • Antibiotic Resistance • Genotyping • Bioweapon • Dual Use • Virus • Pathogen • Synthetic Biology • Genome Editing 	
Synthetic biology	<ul style="list-style-type: none"> • Genetic engineering • DNA sequencing • DNA synthesis • Genome synthesis • Constructing • Biological • System • Machine • Molecular assembling • Cell-free protein • Pathogens • Toxins • Virus • Bacteria • Bacterium • Fungus • Fungi 	

BLOCKCHAIN

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Blockchain	<ul style="list-style-type: none">• Blockchain• Block Chain• Distributed Ledger	

CYBER-SURVEILLANCE

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Communication monitoring	<ul style="list-style-type: none"> • ICT • Information Communications Technology • Internet • Telecommunications • Mobile communication • Telephone • Computer • Mass Surveillance • Global Surveillance • Public Surveillance • Eavesdropping • Spyware • Surveillance software 	
Data retention	<ul style="list-style-type: none"> • Data Retention 	
Facial recognition technology	<ul style="list-style-type: none"> • Facial Recognition • Biometrics Authentication • Biometrics identification • Face detection • Software • Thermal cameras • Surveillance • Track • System • Technology 	
Interception & Jamming equipment	<ul style="list-style-type: none"> • Interception • Telecommunication • IP • Internet protocol Network • Surveillance systems • Intrusion software • Extraction • Voice • Data • Signalling • Identifier 	

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Jamming devices • Jamming equipment • Device • Equipment • Interference • Wave • Frequency • Signal • Reception • Transmission 	
Intrusion software	<ul style="list-style-type: none"> • Intrusive Software • Malware • Intrusion • Intrusion Detection System • Network • Security • Attack • Computer • Information • Cyber 	

NANOTECHNOLOGY

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Biochip	<ul style="list-style-type: none"> ● Biochip 	
lab-on-a-chip	<ul style="list-style-type: none"> ● Lab-On-A-Chip ● Nanosensor ● Microfluidics ● Nanofluidics ● Molecular Biology ● Nanotechnology ● Pathogens ● Toxins ● Resistance to chemicals ● Virus ● Bacteria ● Bacterium ● Fungus ● Fungi 	
Micro electromechanical systems	<ul style="list-style-type: none"> ● Microfluidic systems ● Micromachines ● Design ● Development ● Production ● Testing 	
Nano electromechanical systems	<ul style="list-style-type: none"> ● Nano Electromechanical Systems ● Nanoelectromechanical Systems ● Smart Dust 	
Nanorobots	<ul style="list-style-type: none"> ● Nanorobot ● Nanobots ● Nanoids ● Nanites ● Nanomachines ● Nanomites 	
Nanosensor	<ul style="list-style-type: none"> ● Nanosensor ● Nanotechnology ● Nanomaterial ● Chemical Sensors 	

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none"> • Acoustic Sensors • Biosensors 	
Nanotoxicology	<ul style="list-style-type: none"> • Nanotoxicology • Toxic Nanoparticles • Biosecurity • Nanoparticles • Nanocomposites 	
Semiconductor nanowires (nanocircuitry)	<ul style="list-style-type: none"> • Semiconductors Nanowires • Carbon Nanotube • Field-Effect Transistor • Nano-Field Effect Transistor • Carbon Nanotube • Transistor • Nanocircuitry • Nanowires • Integrated Circuits 	
Smart nanomaterials	<ul style="list-style-type: none"> • Smart Nano Materials • Smart Nanomaterials • Smart Nanotechnology • Smart Nano Technology • Smart Material • Smart Composite • Nanotechnology 	

QUANTUM TECHNOLOGY

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Post quantum cryptography	<ul style="list-style-type: none"> • Post Quantum • Quantum-Proof • Quantum-Safe • Quantum-Resistant • Cryptography 	
Quantum computer	<ul style="list-style-type: none"> • Quantum Computer • Qubit 	
Quantum cryptography	<ul style="list-style-type: none"> • Quantum Key Distribution • QKD • Cryptography • Quantum Cryptography 	
Quantum network	<ul style="list-style-type: none"> • Quantum Network • Distributed Quantum • Quantum Internet • Networked quantum computing 	
Quantum sensing	<ul style="list-style-type: none"> • Quantum Sensor • SQUID • Magnetic Sensor • Superconducting Quantum • Sensor • Sensing • Quantum • Spin qubits • Trapped ions • Flux qubits • Neutral atoms • Atomic vapor • Cold clouds • Rydberg atoms • NMR sensors • Nuclear Magnetic Resonance sensors • Semiconductor quantum dots • Superconducting circuits 	

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
	<ul style="list-style-type: none">• SQUID• Flux qubit	

SMART MATERIALS

Dataset (Specific DU item or a group of them)	Query's keywords	EU Dual-use Control List code
Smart materials (general)	<ul style="list-style-type: none"> • Smart Material • Smart Composite • Intelligent • Responsive • Shape memory • Polymer • Alloys 	
Smart materials (specific)	<ul style="list-style-type: none"> • Smart Materials • Smart Composite • Camouflage • Piezoelectric • Thermoelectric • Electrostrictive • Magnetostrictive • Photovoltaic • Electroactive Polymers • Smart Glasses • Smart Paints • Coatings • Smart Structures • Self-Healing Materials • Sensory Structures • Halocromic • Chromogenic • Ferrofluids • Photomechanical • Polycaprolactone • Dielectric • Magnetocaloric • Chemoresponsive • Shape Memory 	
Smart materials electronics	<ul style="list-style-type: none"> • Smart Material • Smart Composites • Piezoelectric • Shunted • Transducers • Shunted Circuit • Tuning Circuits 	

	<ul style="list-style-type: none">● Resonant Circuits● Switching Circuits● Negative Capacitance● Linear Quadratic Regulator● Microelectronic Sensor● Supercapacitor● Graphene● Ferroelectrics● Ferromagnets● Microelectronic Systems	
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