

MAIN CONTRACT REQUIREMENTS FLOWDOWN TO SUB-TIER SUPPLIERS

RESTRICTIONS IN THE USE OF HAZARDOUS SUBSTANCES IN EQUIPMENT AND CONSUMABLES

100. Introduction

101. When formulating the technical requirements for the procurement of equipment and consumables, the Defence Materiel Organisation (DMO) also takes the health, safety and environmental requirements into account. These last requirements have to cover the entire lifecycle from procurement, use until disposal.
102. When (potential) suppliers or manufacturers are being contacted by the DMO, the DMO informs them on the restrictions in the use of hazardous substances. The reasons for these restrictions can be as follows:
- Ban or limitation on (certain) uses of hazardous substances;
 - Hazardous substance is mentioned on a priority list;
 - Emission of hazardous substances;
 - Radiation;

200. Categories of uses and hazardous substances

201. In order to put restrictions to the procurement of hazardous substances, the DMO has publicised list of "Banned and Restricted Substances", summarised "The List". The list is divided in a total of ten categories, based on uses as well as on limitations originating from law or the DMO's internal regulations.
202. The list has the following categories of uses and/or substances:
- Industrial chemicals, used for the maintenance of equipment;
 - Fire-extinguisher;
 - Corrosion protection;
 - Electronics / lighting;
 - Textiles, clothing, personal equipment and shoes;
 - Refrigerants;
 - Radioactive sources;
 - Ammunition;
 - Nano materials;
 - Biocides.
203. The List has the following list of restrictions:
- The legislator has issued a generic ban for the use of the hazardous substance without the possibility to get an exemption / dispensation;
 - The legislator has issued a ban for the use of the hazardous substance for a specific purpose without the possibility to get an exemption / dispensation;
 - The legislator allows the use of the hazardous substance for a specific described purpose. The legislator has issued a ban for all other – not described – purposes without the possibility to get an exemption / dispensation. The supplier / manufacturer must inform the competent manager from the DMO, when he uses the hazardous substance for the allowed purpose;
 - The legislator has issued a ban for the use of the hazardous substance. The MOD can request the competent authority for an (specific) exemption. The competent authority can issue (specific) requirements to the exemption;

- 2A. The MOD does not allow the use of the hazardous substance. Sufficient alternatives are available;
- 2B. The MOD discourages the use of the hazardous substance. The responsible manager within the DMO must actively search for an alternative – less hazardous - substance. The manager reports the results of this search in the Environmental and Occupational Health and Safety chapter of the Introduction manual.
When this responsible manager decides to use a hazardous substance of which the use is discouraged, he has to explain in a report:
- Which alternatives have been investigated;
 - What is the reason, that he has not chosen one of the alternatives.
- The results of this investigation also will be put down in writing in the Defence OHS&E information system;
- 3A. The MOD registers the use of the hazardous substance. The responsible manager within the DMO will also lay down the use of the hazardous substance in the Environmental and Occupational Health and Safety chapter of the Introduction manual. The use will also be laid down in the Defence OHS&E information system.
204. The ban to use the hazardous substance / obligation to register the use of the hazardous substance is not valid if the maximum allowed level and/or detection level mentioned in the appropriate table has not been exceeded.
205. When a supplier tenders for a contract, he has to inform the responsible manager within the DMO in writing, that he will not use any hazardous substance, which has been banned under the restriction categories 1A, 1B, 1C, and/or 2A.
If the supplier intends to use substances and/or materials of the restriction category 1D, 2B and/or 3A, he has to specify to the responsible manager within the DMO
- which consumables and or components contains one or more substances of restriction 2B and/or 3A;
 - the intended use of each substance of restriction 2B;
 - the amount of each substance of restriction 2B and/or 3A in the consumable and/or component.
- The supplier has to actively support the responsible manager within the DMO in his search for an alternative – less hazardous – substance of restriction 2B.
206. The responsible manager will make a risk assessment on the basis of the supplied information. The results of this risk assessment will be as follows:
- The tender will be turned down, when the offered consumable / equipment contains one or more hazardous substances of the restriction category 1A, 1B, 1C and/or 2A;
 - The tender will be turned down, when the offered consumable / equipment contains a hazardous substance of the restriction category 1D, unless the supplier can prove safe use.
 - The tender will be turned down, when the consumable / equipment contains a hazardous substance of the restriction category 2B, unless – after an investigation - the responsible manager within the DMO concludes that no alternatives are available.
 - The presence of substances of category 3A will be assessed during the evaluation of the tender.

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Annex 1: Operating chemicals:

Substance / product	CAS no.	Measure	Legislation	Restriction category
Benzene	71-43-2	Legislation permits use as a component of engine fuels	Directive 98/70/EG	1C
Benzene	71-43-2	Legislation prohibits use for all other purposes. Upper limit that may not be exceeded: 0,1 % by weight	REACH Regulation, annex XIV, section 5 (Regulation 1907/2006).	1A
Chloroparafines (C10 – C13)		Legislator prohibits use in metal working fluids. Upper limit that may not be exceeded: 0,1 % by weight	REACH Regulation, annex XIV, section 42 (Regulation 1907/2006)	1A
		MinDef discourages use in lubricants, Upper limit that may not be exceeded: 0,1 % by weight	Health & Safety Decree, chapter 4, article 4.4	2B
Organotin compounds: - Tributyltin - Trifenylnin - Tributyl(vinyl)tin - Azocyclotin - Fentinhydroxyde - Trifenylninacetate	688-73-3 36643-28-4 7486-35-3 41083-11-8 76-87-9 900-95-8	Legislation prohibits use in antifouling paint. Upper limit that may not be exceeded: 0,1 % by weight	REACH Regulation, annex XVII, section 20 (Regulation 1907/2006)	1A
Mercury compounds		Legislation prohibits use in antifouling paint.	REACH Regulation, annex XVII, section 18 (Regulation 1907/2006)	1A
Cobaltchloride	7646-79-9	MinDef does not allow use as a medium for drying. Upper limit that may not be exceeded: 0,1 % by weight	REACH Regulation, Candidate list annex XIV (Regulation 1907/2006)	2A
Lead compounds: Among others Leadcarbonate Leadsulfate	598-63-0 7446-14-2	Legislation prohibits use in paints. Upper limit that may not be exceeded: 0,1 % by weight	REACH Regulation, annex XVII, section 16 and 17 (Regulation 1907/2006)	1A

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Substance / product	CAS no.	Measure	Legislation	Restriction category
Silica crystalline; Quartz Cristoballite Tridynite	14808-60-7 14464-46-1 15468-32-3	MinDef does not allow use in paint, sealants and the like. Upper limit that may not be exceeded: 0,1 % by weight	Health & Safety Decree, chapter 4, article 4.4 CLP Regulation, annex I, chapter 3.5	2B
Glycol ethers - 2-ethoxyethanole - 2-ethoxyethylacetate - 2-methoxyethanole - 2-methoxyethylacetate - 2-methoxypropanole	110-80-5 111-15-9 109-86-4 110-49-6 1589-47-5	MinDef discourages use as solvent Upper limit that may not be exceeded: 0,1 % by weight	Health & Safety Decree, chapter 4, article 4.4	2B
- Nonylphenol - Nonylphenol/ethoxylates - 4-para0nonylphenole - Octylfenol - Para-tert-octylfenol - 2,4,6-tri-tert-butylfenol	25154-52-3 (84852-15-3) 9016-45-9 104-40-5 1806-26-4 140-66-9 732-26-3	MinDef discourages use in paint Upper limit that may not be exceeded: 0,1 % by weight	REACH Regulation, annex XVII, section 16 and 17 (Regulation 1907/2006)	2B
Chlorinated hydrocarbons, used as a solvent: Hexachloroethane Pentachloroethane 1,1,1,2 Tetrachloroethane 1,1,2,2 Tetrachloroethane 1,1,2 Trichloroethane Trichloroethane Trichloromethane 1,2-Dichloroethane 1,1-Dichloroethylene Trichloorbenzene	67-72-1 76-01-7 630-20-6 79-34-5 79-00-5 79-01-6 67-66-3 107-06-2 75-35-4 120-82-1	Legislation prohibits use Upper limit that may not be exceeded: 0,1 % by weight	Directive 76/769/EC	1A
Other chlorinated hydrocarbons		MinDef discourages use	Health & Safety Decree, chapter 4, article 4.4	2B
2-Naftylamine and it's salts Benzidine and it's salts 4-Nitrobifenyl 4-Aminobifenyl, xenylamine and it's salts	91-59-8 92-87-5 92-93-3 92-67-1	Legislation prohibits use in substances and mixtures Upper limit that may not be exceeded: 0,1 % by weight	REACH Regulation, annex XVII, section 12 until 16 (Regulation 1907/2006)	1A

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Substance / product	CAS no.	Measure	Legislation	Restriction category
Hydrochlorofluorocarbons (HCFC's), used as solvent.		Legislation prohibits use.	Regulation on substances that deplete the ozone layer (Regulation 2037/2000)	1A
Dichloromethane	75-09-2	Legislation prohibits use.	REACH Regulation, annex XIV (Regulation 1907/2006)	1A
Volatile Organic Substances (VOS)		<p>According to law, a paint system to be applied to military equipment may not contain quantities of the following volatile organic substances in excess of those specified hereafter (based on the ready to use product):</p> <ul style="list-style-type: none"> • Pretreatment: 850 g/l • Surface cleaning: 200 g/l • Putty, filling 250 g/l • Surfacer/sealer 540 g/l • General (metal)primers: 540 g/l • Wash primers: 780 g/l • Water-based paints: 140 g/l • High solid paints: 420 g/l • Finish coatings: 420 g/l • Special coatings for munitions and other military equipment: 840 g/l <p>Volatile organic substances* are hydrocarbons with a vapour pressure > 0,01 kPa (0,1 mbar).</p>	Directive 2004/42/EC	1C
Substances, mentioned in annex XIV of the REACH Regulation		Legislation prohibits use in substances and mixtures, unless an authorisation has been granted	REACH Regulation, annex XIV (Regulation 1907/2006)	1A
CMR-substances.		<p>Legislation discourages the use of carcinogenic, mutagenic and/or reprotoxic substances, classified by CLP Regulation as H 340, H 350 and/or H 360).</p> <p>Upper limit that may not be exceeded: 0,1 % by weight</p>	<p>REACH Regulation, annex XVII, section 28, 29 and 30 (Regulation 1907/2006)</p> <p>Health & Safety Decree, chapter 4, article 4.17</p> <p>CLP Regulation, annex I chapter 3.5, 3.6 and 3.7 (Regulation 1272/2008)</p>	2B

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Substance / product	CAS no.	Measure	Legislation	Restriction category
Substances classified as very toxic and/or suspected CMR.		<p>MinDef discourages use of substances, classified by CLP Regulation as H 300, H 310 and/or H 330 respectively H 341, H 351 and/or H 361.</p> <p>Upper limit that may not be exceeded: 0,1 % by weight</p>	<p>Health & Safety Decree, chapter 4, article 4.4</p> <p>CLP Regulation, annex I chapter 3.1, 3.5, 3.6 and 3.7 (Regulation 1272/2008)</p>	2B

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Annex 2: Fire-extinguishing agents

Substance / product	CAS no.	Measure	Legislation	Restriction category
Halon 1211 Halon 1301	353-59-3 75-63-8	Legislation exclusively permits use for existing critical applications.	Annex VI of Regulation 1005/2009/EC	1C
Halon 1211 Halon 1301	353-59-3 75-63-8	Legislation prohibits the use in new military vehicles, ships and ground equipment	Annex VI of Regulation 1005/2009/EC	2A
Halon 1211 Halon 1301	353-59-3 75-63-8	The MOD discourages use in new aeroplanes and helicopters.	Annex VI of Regulation 1005/2009/EC	2B
Halon 1011 Halon 2402	74-97-5 124-73-2	Legislation prohibits use.	Regulation 1005/2009/EC	1A
Perfluorhydrocarbons: - Perfluormethane - Perfluorethane - Perfluorpropane - Perfluorbutane - Perfluorpentane - Perfluorhexane - Perfluorcyclobutane	75-73-0 76-16-4 76-19-7 355-25-9 678-26-2 355-42-0 115-25-3	Legislation prohibits use.	Regulation 1005/2009/EC	1A

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Annex 3: Corrosion protection / surface treatment

Substance / product	CAS no.	Measure	Legislation	Restriction category
Cadmium	7440-43-9	MinDef does not allow new military land vehicles, ships and equipment to be supplied with a corrosion resistant layer based on galvanised cadmium plating.	REACH Regulation, Candidate list annex XIV (Regulation 1907/2006)	2A
Chromium(VI)compounds	18450-29-9	MinDef does not allow new military land vehicles, ships and equipment to be supplied with a corrosion resistant layer based on chromium(VI)compounds. Upper limit that may not be exceeded: 0,1 % by weight	REACH Regulation, Candidate list annex XIV (Regulation 1907/2006) Health & Safety Decree, chapter 4, article 4.17 CLP Regulation, annex I chapter 3.5 (Regulation 1272/2008)	2A
Chromium(VI)compounds	18450-29-9	The chromium (VI) pigments in the coating system to be applied to the outside of aeroplanes must be as low as is technically feasible.	REACH Regulation, Candidate list annex XIV (Regulation 1907/2006) Health & Safety Decree, chapter 4, article 4.17 CLP Regulation, annex I chapter 3.5 (Regulation 1272/2008)	2B
Lead compounds: Among others Leadcarbonates Leadsulphate	598-63-0 1319-46-6 7446-14-2	Legislation prohibits use in a corrosion protection layer	REACH Regulation, annex XVII, section 16 and 17 (Regulation 1907/2006)	1A
Lead compounds: Leadchromate Leadmolybdate	7758-97-6 10190-53-3 1317-36-8	MinDef discourages use in aircraft coating systems.	Health & Safety Decree, chapter 4, article 4.17 CLP Regulation, annex I chapter 3.5 (Regulation 1272/2008)	2B

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Substance / product	CAS no.	Measure	Legislation	Restriction category
Silica crystalline; Quartz Cristoballite Tridynite	14808-60-7 14464-46-1 15468-32-3	Mindef does not allow use. Upper limit that may not be exceeded: 0,1 % by weight	Health & Safety Decree, chapter 4, article 4.17 CLP Regulation, annex I chapter 3.5 (Regulation 1272/2008)	2B

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Annex 4: Electronics / lighting

Substance / product	CAS no.	Measure	Legislation	Restriction category
Lead compounds	7439-92-1	MinDef MOD discourages use	ROHS Regulation (Regulation 2011/65/EC)	2B
Flame retardants: PBB TRIS PBDE (PBBE) PBDO (PBBO)	59536-65-1 126-72-7	Legislation prohibits use. Upper limit that may not be exceeded: 0,1 % by weight	ROHS Regulation (Regulation 2011/65/EC)	1A
Cadmium* en cadmium compounds: Cadmiumoxide Cadmiumsulfide	7440-43-9* 1306-19-0 1306-23-6	MinDef does not allow use of cadmium in electronic contacts, unless there are no technically equivalent alternatives or the aircraft OEM prohibits use of non-cadmium electronic contacts.	ROHS Regulation (Regulation 2011/65/EC)	2A 2B
Beryllium* en berylliumcompounds: Beriliumchloride Beriliumfluoride Beriliumhydroxide Beriliumsulfate	7440-41-7* 7787-47-5 7787-49-7 13327-32-7 13510-49-1	MinDef discourages the use in electronics.	Health & Safety Decree, chapter 4, article 4.17 CLP Regulation, annex I chapter 3.5 (Regulation 1272/2008)	2B
Lithium batteries		Transport legislation prohibits the transportation of lithium batteries, unless they successfully passed all required tests Elucidation: The manufacturer must supply a Safety Data Sheet (SDS), which contains a statement, that the battery has successfully passed all legally required tests.	UN-manual of Tests, and Criteria, Part III, subsection 38.3	1C 3A
Batteries containing cadmium	7440-47-7	MinDef does not allow use of batteries containing cadmium, unless no technically equivalent alternatives are available or the aircraft OEM prohibits use of alternatives.	Directive 2006/66/EC	2B
PVC		MinDef discourages the use of PVC in electric wiring, especially in closed spaces	MOD policy	2B

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Annex 5: Textiles, articles of clothing, personal gear and shoes

Substance / product	CAS no.	Measure	Legislation	Restriction category
Asbestos n.o.s. Actinolite Asmosite Anthofylite Chrysolite Tremolite Crocidolite	1332-21-4 77536-66-4 12172-73-5 77536-67-5 12001-29-5 77536-68-6 12001-28-4	Legislation prohibits use Not detectable for any asbestos mentioned in the list.	REACH Regulation, annex XIV, section 5 (Regulation 1907/2006)	1A
Azo-dyes: 4-Aminodiphenyl Benzidine 4-Chloro-o-toluidine 2-NMaphthylamine o-Aminoazotoluene 2-Amino-4- Nitrotoluene 2,4-Diaminocanisole 4,4-Diaminodiphenyl- methane 3,3-Dichlorobezidine 3,3- Dimethoxybenzidine 3,3-Dimethylbenzidine 3,3-Dimethyl—4,4- diaminiphenylmethane p-Chloroaniline p-Cresidine 4,4-Methylene-bis-2- chloroaniline 4,4-Oxydianiline 4,4-Thiodianiline 2,4-Toluenediamine o-Toluidine 2,4,5-Trimethylaniline o-Anididine p-Amino-azobenzene 2,4-Xylidine	92-67-1 92-87-5 95-69-2 91-59-8 97-56-3 99-55-8 615-05-4 101-77-9 91-94-1 119-90-4 119-93-7 838-88-0 106-47-8 120-71-8 101-14-4 101-80-4 139-65-1 95-80-7 95-53-4 137-17-7 90-04-0 60-09-3 95-68-1 87-62-7 118685-33-9	Legislation prohibits the use. All Azo-dyes who might disintegrate into amines which are (suspected to be) carcinogenic are mentioned on this list. Upper limit that may not be exceeded: 30 mg/kg for each of the substances mentioned on this list	REACH Regulation, annex XVII, section 43 (Regulation 1907/2006)	1A

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Substance / product	CAS no.	Measure	Legislation	Restriction category
Bis-(2,3-dibromopropyl) phosphate	5455-55-1			
Formaldehyde	50-00-0	Legislation prohibits use Upper limit that may not be exceeded: 100 ppm.	Consumer product safety decree formaldehyde d.d. 22-03-2001	1A
Cadmium	7440-43-9	MinDef does not allow use Upper limit that may not be exceeded: 100 ppm	REACH Regulation, annex XVII, section 23 (Regulation 1907/2006)	2A
Compounds containing Chromium(VI)	7440-47-3	MinDef does not allow use Upper limit that may not be exceeded: 3 ppm	REACH Regulation, Candidate list annex XIV (Regulation 1907/2006) Health & Safety Decree, chapter 4, article 4.17 CLP Regulation, annex I chapter 3.5 (Regulation 1272/2008)	2A
Mercury	7439-97-6	Legislation prohibits use. Upper limit that may not be exceeded: 1 ppm	REACH Regulation, annex XVII, section 18 (Regulation 1907/2006)	1A
Lead	7439-92-1	MinDef does not allow use. Upper limit that may not be exceeded: 100 ppm.	Government policy on sustainable procurement	2A
Nickel	7440-02-0	MinDef does not allow use Upper limit that may not be exceeded: 0,5 ug/cm2/week.	REACH Regulation, annex XVII, section 27 (Regulation 1907/2006)	1A
Organotincompounds: - Tributyltin - Trifenylnin - Tributyl(vinyl)tin - Azocyclotin - Fentinhydroxyde - Trifenylninacetate	688-73-3 36643-28-4 7486-35-3 41083-11-8 76-87-9 900-95-8	Legislation prohibits use. Upper limit that may not be exceeded: 0,1 gram / kilogramme.	REACH Regulation, annex XVII, section 20 (Regulation 1907/2006)	1A

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Substance / product	CAS no.	Measure	Legislation	Restriction category
Pesticides: HCH and all isomers Lindane Aldrin Chloroacne Dieldrin Endrin Heptachlor Heptachlor epoxide Isodrin Kelevane Chlordecone (keptone) Telodrin Strobane Toxaphene Hexachlorobenzene DDT DDE DDD Methoxychlor Perthane Quintozene	608-73-4 58-89-9 300-00-2 57-74-9 60-57-1 72-20-8 76-44-8 1024-57-3 465-73-6 4234-79-1 143-50-0 297-78-9 8001-50-1 8001-35-2 118-74-1 50-29-3 72-55-9 72-54-8 72-43-5 72-56-0 82-68-8	Legislation prohibits use. (Pesticides can be present in natural fibres, especially cotton) Upper limit that may not be exceeded (valid for every separate pesticide): 0,5 ppm.	POP Regulation (Regulation 757/2010/EC) Biocide Regulation (Regulation 98/8/EC)	1A
Solvents: Pentachloroethane Tetrachloromethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane	76-01-7 56-23-5 630-20-6 79-34-5	Legislation prohibits use Upper limit that may not be exceeded: 1000 mg / kg.	REACH Regulation, annex XVII, section 33 until 40 (Regulation 1907/2006)	1A
Solvents: Benzene Phenol Toluene Xylene (alle isomeren.	71-43-2 108-95-2 108-88-3 1330-20-7	MinDef does not allow use during the production process of yarn and/or fabrics.	Government policy on sustainable procurement	2A
CMR-substances		The MOD does not allow the use of Carcinogenic-, Mutagenic- and/or Reprotoxic substances.	REACH Regulation, annex XVII, section 28 until 31 (Regulation 1907/2006)	2A

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Substance / product	CAS no.	Measure	Legislation	Restriction category
Methylbromide Phosphine	74-83-9 7803-51-2	MinDef does not allow the use as a disinfectant in/on packaging and/or containers	Biocide Directive (Directive 98/8/EC)	2A
Biocides		A foreign supplier may not use a biocide for treatment of (wooden) packaging and/or containers, unless the active substance: - is mentioned in annex 1, 1A or 1B of this directive and is admitted for the intended use	Biocide Directive (Directive 98/8/EC)	2A
Biocides		Legislation prohibited use for treatment of clothing, shoes etc. unless the active substance: - is mentioned in annex 1, 1A or 1B of this directive - is admitted for the intended use	Biocide Directive (Directive 98/8/EC)	1C

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Annex 6: Refrigerants

Substance / product	CAR no.	Measure	Legislation	Restriction category
CFC's		Legislation prohibits use	EC-regulation Nr. 2037/2000	1A
HCFC's		Legislation prohibits use in new refrigerators and deep-freezers.	EC-regulation Nr. 2037/2000.	1A
		After January 1 st 2015, legislation prohibits the refilling of existing military equipment with recycled HCFC's.	EC-regulation Nr. 2037/2000.	1C
HFC's		MinDef does not allow use of refrigerants with a global warming potential (GWP) of more than 2500	MinDef policy	2A
HFC's		MinDef discourages use of refrigerants with a global warming potential (GWP) of more than 150	MinDef policy	2B
Ammonia Propane	7664-41-7 74-98-6	MinDef does not allow use as a refrigerant in new freezers and/or refrigerators in military equipment.	MinDef policy	2A

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Annex 7: Radioactive sources

Substance / product	CAR no.	Measure	Legislation	Restriction category
Radioactive source		MinDef does not allow use, unless the contract manager can prove that use of closed radioactive sources is a necessity. This requirement is not valid for closed radioactive sources, for whom the radiation levels do not exceed the levels mentioned in annex 1 of the Radiation Protection Degree (2001).	Nuclear energy act	2B
Radioactive source		Supplier reports all radioactive sources to the contract manager. The report must contain the radiation levels (BeQ) of each source.	MinDef policy	3A

In contradiction to the wording of article 204, an application for an Authorisation has to be send to the Head of the Radiation Protection Agency (SBD) of the Ministry of Defence, see also MP 35-311.

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Annex 8: Munitions

Substance / product	CAR no.	Measure	Legislation	Restriction category
Substances, mentioned in annex XIV of the REACH Regulation		Legislation prohibits use in substances and mixtures, unless an authorisation has been granted	REACH Regulation, annex XIV (Regulation 1907/2006)	1A
Depleted uranium	7440	MinDef prohibits use	MinDef policy	2A
Tungsten-Nickel-Cobalt alloy		MinDef does not allow use unless no alternative alloy is available	Health & Safety Decree, chapter 4, article 4.17	2B
Carcinogenic, mutagenic and/or reprotoxic substances (CMR-substances).		MinDef discourages use	REACH Regulation, annex XVII, section 28, 29 and 30 (Regulation 1907/2006) Health & Safety Decree, chapter 4, article 4.17 CLP Regulation, annex I chapter 3.5, 3.6 and 3.7 (Regulation 1272/2008)	2B
All substances		For every part of munitions, the supplier must report: - name, CAS no and weight of every substance - if the substance contributes to emissions during - firing/ignition; - flight* - strike* * when applicable	CLP Regulation, annex I chapter 3.5, 3.6 and 3.7 (Regulation 1272/2008)	3A

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Annex 9: Nano materials

Substance / product	CAR no.	Measure	Legislation	Restriction category
Nano-materials		Supplier reports use to contract manager. The report must contain a risk assessment and the necessary risk management measurements The risk assessment must be based on the publication "Guidance on working safely with nanomaterials and nano products (the guidance for employers and employes), version 1.0 may 2011". The document can be downloaded by internet.	NLD government policy	2B

Annex 10: Biocides and disinfectants

Substance / product	CAR no.	Measure	Legislation	Restriction category
Biocides		Legislation prohibits use, unless CTGB (NLD regulator) has admitted the active substance for the intended use	Biocide Directive (Directive 98/8/EC)	1C
Methylbromide Phosphine	74-83-9 7803-51-2	MinDef does not allow use as a disinfectant in/on packaging and/or containers	Biocide Directive (Directive 98/8/EC)	2A
Biocides		A foreign supplier may not use a biocide for treatment of (wooden) packaging and/or containers, unless the active substance: - is mentioned in annex 1, 1A or 1B of this directive and is admitted for the intended use	Biocide Directive (Directive 98/8/EC)	2A