

## LOADING CATEGORY CLASSIFICATION OF SUBSTANCES/MATERIALS

The following list is a shortened version of the Database Transport Loads Database, with the restriction that the loading classification from the digital database always takes precedence.

### LR: Loading category road transport

- A. Dry cleaning
- B. Cleaning with water
- C. Cleaning with water and a cleansing agent
- D. Disinfection after one of the previous cleaning regimes A, B or C
- X. Forbidden load

Loading category 1			
<b>Animal products</b>			
10021	Category 1 material, processed and unprocessed (in accordance with definition Reg. (EG) 1774/2002)		X
10022	Category 2 material, processed and unprocessed (in accordance with definition Reg. (EG) 1774/2002) <sup>1</sup>		X
10058	Flavouring innard (intended for petfood)		X
10023	Unprocessed category 3 material (in accordance with definition Reg. (EG) 1774/2002)		X
<b>Fertilisers</b>			
10001	Animal manure		X
10002	Garden soil/compost treated with animal fertiliser		X
10003	Mushrooms substrate (before cultivation)		X
<b>Other (inorganic) substances/products</b>			
10051	4,4'-(propan-2-ylidene)diphenol (DPP, diphenylpropane, 4,4'-dihydroxy-2,2-diphenylpropane) (Cas-nr. 80-05-7)		X
10030	Active carbon (used)		X
10052	Alkanen, C9-12-iso (Cas-nr. 90622-57-4 (EINECS 292-459-0))		X
10012	Asbestos or materials containing asbestos		X
10010	Asphalt (fresh) and asphalt rubble		X
10014	Blast furnace slag of non-ferrous metals ((Furnace) slag of non-ferrous metals )		X
10059	Combustion slags <sup>2</sup>		X
10064	FCC (Fluid Catalytic Cracking) catalyst powder, used (spent)		X
10015	Fly ash (Coal oil gas, Coal dust fly ash, PKVA) (Cas-nr. 268-627-4) <sup>2</sup>		X
10011	Gas oil		X
10063	Gypsum, after filtration / purification		X
10057	Lead oxide (Cas-nr. 1317-36-8)		X
10048	Lubricant		X
10009	Metal flakes and turnings (not degreased, washed and dried)		X
10008	Mineral clay that has been used for detoxification		X
10004	Mineral-oil (including quakerol)		X
10054	Naphtha (mineral oil) (Special Petrol 60-95) (Cas-nr. 64742-49-0 (EINECS 265-151-9))		X

<b>Loading category 1</b>		
10007	Petroleumkoks (Wet and dry petroleumcokes, Green cokes) (Cas-nr. 64741-79-3, 64743-05-1)	X
10050	Praepagen HY	X
10005	Radioactive material	X
10053	Solvent naphtha (mineral oil) (Hydrofoil A170) (Cas-nr. 64742-95-6 (EINECS 265-199-0))	X
10055	Solvent naphtha (mineral oil) (Hydrofoil A200) (Cas-nr. 64742-94-5 (EINECS 265-198-5))	X
10049		X
10013	Toxic oxidative materials	X
<b>Other (organic) substances/products</b>		
10061	Diocetylphthalate (DEHP) (Bis(2-ethylhexyl) phthalate) (Cas-nr. 117-81-7 )	X
10020	Domestic waste and all derived fractions in as far they are not sanitised.	X
10060	Organic biological fertiliser	X
10017	Sewage sludge	X
10016	Unpacked seeds, treated mit toxic substances	X
10018	Untreated food residue (Swill)	X
<b>(Products with) processed animal proteins</b>		
10038	Biological fertilisers which contain other processed proteins than fishmeal <sup>3</sup>	X

<b>Loading category 1 (E)</b>		
<b>Fertilisers</b>		
10038	Biological fertilisers which contain other processed proteins than fishmeal <sup>3</sup>	X
<b>(Products with) processed animal proteins</b>		
10041	Animal feed with prohibited processed animal proteins for productive livestock <sup>3</sup>	X
10042	Animal feeds with blood products from not-ruminants <sup>4</sup>	X
10043	Animal feeds with fish meal, dicalcium phosphate and tricalcium phosphate (of animal origin). <sup>4</sup>	X
10039	Biological soil improvers, which contain other processed proteins than fishmeal <sup>3</sup>	X
10037	Bloodproducts and bloodmeal from non-ruminants <sup>3</sup>	X
10040	Dicalcium phosphate (of animal origin) <sup>3</sup>	X
10047	Fish feeds which contain blood meal. <sup>5</sup>	X
10046	Fish meal <sup>6</sup>	X
10062	Keramine <sup>2</sup>	X
10045	Processed animal proteins which are prohibited for productive livestock. <sup>3</sup>	X
10044	Tricalciumphosphate (of animal origin) <sup>3</sup>	X

<b>Loading category 2</b>		
<b>Animal products</b>		
20040	Mussel	D
<b>Fertilisers</b>		
20039	Fertiliser grains (organic), pathogen-free, from an approved agency Reg. (EG) nr. 1774/2002.	D
20031	Fertilizer grains and granulate	D
20042	Mushroom substrate, demonstrably from a certified processing company (Reg. (EC) no. 1774/2002)	D
20034	Sanitised (bulk) fertilizer products (pathogen-free) <sup>7</sup>	D
<b>Other (inorganic) substances/products</b>		
20045	Domestic packing and old papers (see description)	D
<b>Other (organic) substances/products</b>		
20043	Fatty acid from animal origin for cosmetic industry (Cas-nr. 67701-06-8)	D
20047	Fermentation residue of acid production	D
<b>Products or raw materials for human foods</b>		
20046	Mayonnaise	D
<b>Animal feeds</b>		
20041	Feed materials of animal origin (process animal by-products which do not belong to loading category 1(E)) <sup>8</sup>	D
<b>(Products with) processed animal proteins</b>		
20038	Animal and marine oils and fats (non food/non feed) (Cas-nr. 92113-40-1)	D
<b>Unknown</b>		
20032	Compost from domestic vegetables, fruit and garden waste. <sup>9</sup>	D
20036	Glass intended for recycling	D
20037	Materials contaminated with salmonella or other pathogens.	D
20033	Materials with perceivable signs of decay	D
20044	Rests of carpet, mattress and foil, used.	D

Loading category 3		
<b>Fertilisers</b>		
30247	Calcinated poultry manure	B
30041	Champost	B
30043	Fertilizer grains (organic), without animal components	B
<b>Other (inorganic) substances/products</b>		
30257	1-Methoxy-2-propanol (Cas-nr. 107-98-2)	C
30279	2-methoxy-1-methylethyl acetate (1-Methoxy-2-propanol acetate) (Cas-nr. 108-65-6)	C
30225	Active carbon (fresh) (Norit)	B
30262	Aluminium fluoride (max. 10% Aluminium Oxide) (Cas-nr. 07784-18-1/EINECS No.: 232-051-1)	C
30062	Aluminium iron (III) sulphate (AVR, Aluminium ferrisulfate) ((Al <sub>x</sub> Fe <sub>1-x</sub> ) <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> )	B
30063	Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> ) (Cas-nr. 1344-28-1)	B
30057	Aluminium sulphate (Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> ) (Cas-nr. 10043-01-3)	B
30064	Aluminiumhydroxide powder (Al(OH) <sub>3</sub> ) (Cas-nr. 21645-51-2)	B
30065	Ammonium hydroxide (Ammonia, Ammonia solution, Ammonia in aqueous solution) (NH <sub>4</sub> OH) (Cas-nr. 1336-21-6 (EINECS 215-647-6)) <sup>10</sup>	C
30061	Ammonium polyphosphate (APP) (Cas-nr. 68333-79-9, 10124-31-9) <sup>10</sup>	C
30286	Argalum	B
30059	Ball clay (China clay, Fire clay, Kaoline) (Al <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> (OH) <sub>4</sub> )	B
30058	Barium sulphate (Barite) (BaSO <sub>4</sub> ) (Cas-nr. 7727-43-7)	C
30222	Batteries, used (Cas-nr. -)	C
30081	Bauxite, calcinated (powder) (Al, O en H (Al <sub>2</sub> O <sub>3</sub> .nH <sub>2</sub> O))	B
30067	Bentonite (Cas-nr. 1302-78-9)	B
30120	Berwilit	B
30271	Biodieselpolymer (Cas-nr. 68990-52-3 / EINECS nr. 273-606-8)	C
30288	Blast furnace slags of ferrous metals (CaO, SiO <sub>2</sub> , MgO, Al <sub>2</sub> O) (Cas-nr. 65996-69-2)	B
30231	Blasting grit (new and unused)	B
30074	Bleached earth	B
30234	Borax Pentahydrate (Cas-nr. 12179-04-3)	B
30073	Boric acid (Borium trihydroxide, Orthoboric acid) (H <sub>2</sub> BO <sub>3</sub> .3H <sub>2</sub> O, BH <sub>3</sub> O <sub>3</sub> ) (Cas-nr. 10043-35-3) <sup>10</sup>	C
30066	Calcium chloride solution (CaCl <sub>2</sub> ) (Cas-nr. 10043-52-4) <sup>10</sup>	C
30111	Calcium fluoride (Fluorspar, Fluorite) (CaF <sub>2</sub> ) (Cas-nr. 7789-75-5)	B
30072	Calcium hydroxide (Slaked lime, Air lime, Hydrated lime powder) (Ca(OH) <sub>2</sub> ) (Cas-nr. 1305-62-0)	B
30270	Calcium magnesium oxide (CaMgO <sub>2</sub> ) (Cas-nr. 37247-91-9 / EINECS nr. 215-138-9)	B
30096	Calcium oxide (Unslaked lime) (CaO) (Cas-nr. 1305-78-8)	C
30068	Chromite (Ferro-chrome) (FeCr) (Cas-nr. 11114-46-8)	B
30071	Chromite (Iron chromium oxide) (FeCr <sub>2</sub> O <sub>4</sub> ) (Cas-nr. 1308-31-2)	B
30263	Chromium Corundum	B
30269	Compound 26, 29, 31	B
30075	Construction and demolition waste	B
30092	Copper oxide (CuO) (Cas-nr. 1317-39-1)	B

Loading category 3		
30245	De-inking sludges from paper recycling	C
30101	Debris glass	B
30070	Diatomaceous earth (Kiesel guhr, Silicic acid) (Cas-nr. 68855-54-9)	B
30256	Dipropylene glycol monomethyl ether (Cas-nr. 34590-94-8)	C
30087	Engine cast iron, degreased, cleaned washed and dried	B
30241	Ethylene Diglycol Monoethyl Ether (2-(2-ethoxyethoxy)ethanol, EDGE, Diethylene glycol monoethyl ether) (Cas-nr. 111-90-0)	B
30261	Fatty acid mixture from Bio-oil production (Cas-nr. 67-56-1)	C
30293	FCC (Fluid Catalytic Cracking) catalyst powder, new and unused	B
30254	Ferro-Chrome affine	C
30069	Ferro-manganese (FeMn) (Cas-nr. 12604-53-4)	B
30083	Ferro-silicon (FeSi <sub>2</sub> ) (Cas-nr. 8049-17-0)	B
30264	Ferronickel	B
30294	Ferrous (II) sulphat, non food/ non feed grade (FeSO <sub>4.7</sub> H <sub>2</sub> O, Fe.H <sub>2</sub> O <sub>4</sub> S) (Cas-nr. 17375-41-6, 7720-78-7)	B
30078	Ferrous carbonate (Siderite, Iron ore, FER-C) (FeCO <sub>3</sub> ) (Cas-nr. 563-71-3)	B
30076	Ferrous oxide (Iron oxide) (FeO) (Cas-nr. 1345-25-1)	B
30233	Flakes Sulphur	C
30276	Fluorescent whitening agents (see description) (Cas-nr. 16470-24-9)	C
30260	Glue, liquid	C
30283	Glyoxal (Cas-nr. 107-22-2)	C
30278	Glyoxal based resin for paper coating	C
30249	Graphite (Silicon + Carbon) (Cas-nr. CAS 7782-42-5, EINECS 231-955-3)	B
30236	Lithium carbonate (Cas-nr. 554-13-2)	C
30095	Magnesium chloride solution (Magnogene) (MgCl <sub>2</sub> ) (Cas-nr. 7786-30-3) <sup>10</sup>	B
30090	Mangan dioxide (MnO <sub>2</sub> ) (Cas-nr. 1313-13-9)	B
30224	Melamine (1,3,5-triazine-2,4,6-triamine) (C <sub>3</sub> N <sub>6</sub> H <sub>6</sub> ) (Cas-nr. 108-78-1)	B
30089	Metal flakes and turnings which are degreased, washed and dried with particles less than 10 mm	B
30287	Mud obtained from acid treatment of titaniferous minerals (Cas-nr. 91081-79-7)	B
30099	Nitric acid (HNO <sub>3</sub> ) (Cas-nr. 7697-37-2) <sup>10</sup>	C
30281	Oxybis(methyl-2,1-ethanediyl) diacrylate (Dipropylene glycol diacrylate) (Cas-nr. 57472-68-1)	C
30117	Pentapotassium tripolyphosphate (K <sub>5</sub> P <sub>3</sub> O <sub>10</sub> ) (Cas-nr. 13845-36-8) <sup>10</sup>	C
30082	Phosphoric acid (Orthophosphoric acid) (H <sub>3</sub> PO <sub>4</sub> ) (Cas-nr. 7664-38-2) <sup>10</sup>	C
30085	Phosphoric acid plaster (Phosphogypse) (CaSO <sub>4,2</sub> H <sub>2</sub> O)	B
30237	Polyethylene glycol (liquid) (PEG) (Cas-nr. 25322-68-3)	C
30242	Polyisobutene (PIB)	C
30277	Polymer dispersion for textile coating	C
30259	Polyoxyalkylene triol (Cas-nr. 9082-00-2)	C
30258	PolyTetraMethyleneEtherGlycol (PTMEG) (Cas-nr. 25190-06-1)	C
30238	Polyvinyl alcohol (PVOH, PVA, PVAL) (Cas-nr. 9002-89-5)	C
30228	Polyvinyl Chloride (PVC in powder form) (PVC)	B
30084	Potassium carbonate (Potash) (K <sub>2</sub> CO <sub>3</sub> ) (Cas-nr. 584-08-7)	B

<b>Loading category 3</b>		
30093	Potassium hydroxide (Potassium hydroxide solution, Potassium hydroxide) (KOH) (Cas-nr. 1310-58-3) <sup>10</sup>	C
30219	Powdered glass from glass panes (Cas-nr. –)	B
30220	Powdered glass from jars/bottles (Cas-nr. –)	B
30221	Powdered porcelain (Cas-nr. –)	B
30214	Propane acid (Propanoic acid) (Cas-nr. 79-09-4)	B
30079	Recycled glass	B
30232	Recycling granulate from construction- and demolition waste	B
30274	Rock wool for hydroponic cultivation (not used)	B
30122	Salt (non food /non feed)	B
30119	Sand cement	A
30272	Scrap metal of household waste incinerator (degrased)	B
30239	Serox	C
30098	Shredder <sup>10</sup>	C
30088	Silicium dioxide (Microsilica, Christoballite, Tridymite) (SiO <sub>2</sub> ) (Cas-nr. 7631-86-9) <sup>10</sup>	C
30097	Silico manganese (SiMn)	B
30107	Soda (Na <sub>2</sub> CO <sub>3</sub> ) (Cas-nr. 497-19-8)	B
30102	Sodium hydroxide (Sodium hydroxide solution, Caustic soda) (NaOH) (Cas-nr. 1310-73-2) <sup>10</sup>	C
30284	Sodium methanolate solution in methanol	C
30105	Sodium perborate-Tetrahydrate (Bleach) (NaBO <sub>3</sub> ·4H <sub>2</sub> O) (Cas-nr. 10486-00-7) <sup>10</sup>	C
30103	Sodium tetraborate (Bore sodium oxide, Borax glass, Dinatrium tetraborate anhydride) (Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ) (Cas-nr. 1330-43-4)	B
30110	Spodumene (Lithium aluminium silikate) (LiAlSi <sub>2</sub> O <sub>6</sub> )	B
30115	Stone chippings < 10 mm	B
30121	Sulphuric acid (H <sub>2</sub> SO <sub>4</sub> ) (Cas-nr. 7664-93-9) <sup>10</sup>	C
30285	Superplasticizer / water reducer based on modified polycarboxylate	B
30230	Synthetic gypsum (Flue gas desulphurisation plaster)	C
30267	Terephthalic acid (Cas-nr. 100-21-0)	C
30080	Tins (flattened) (Drink tins)	B
30106	Titan dioxide (Rutile, Titanium white) (TiO <sub>2</sub> ) (Cas-nr. 13463-67-7)	B
30226	Tripolyphosphate <sup>10</sup>	C
30229	Tyres	B
30252	Urea - Formaldehyde Resin	D
30109	Ureum ammonium nitrate solution (UAN) <sup>10</sup>	C
30223	Vaseline (Cas-nr. 8009-03-8)	B
30108	White spirit (Stoddard solvent) (Cas-nr. 8052-41-3) <sup>10</sup>	C
30113	Zeolite (Sodium aluminium silicate hydrate) ((Na <sub>2</sub> O)(Al <sub>2</sub> O <sub>3</sub> )(SiO <sub>2</sub> ) <sub>2</sub> ) (Cas-nr. 1318-02-1)	B
30116	Zinc oxide (Waelz oxids, Chinese white) (ZnO) (Cas-nr. 1314-13-2)	B
30118	Zinc powder (Zinc dust) (Zn, <sub>2</sub> NO) (Cas-nr. 7440-66-6)	B
<b>Other (organic) substances/products</b>		
30291	1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich (Ftalaatester) (Ester van ftaalzuur en diverse alcoholen.) (Cas-nr. 68515-49-1)	C
30144	1,3-propylene glycol (Propane 1,3-diol, Trimethylene glycol) (Cas-nr. 504-63-2) <sup>10</sup>	C

Loading category 3		
30136	2-Ethyl hexanol-1-ol (2-ethyl hexyl alcohol) (C <sub>8</sub> H <sub>18</sub> O) (Cas-nr. 104-76-7)	B
30127	Acetic acid (CH <sub>3</sub> COOH) (Cas-nr. 64-19-7) <sup>10</sup>	C
30130	Acetic acid anhydride (Ethane acid anhydride) (C <sub>4</sub> H <sub>6</sub> O <sub>3</sub> ) (Cas-nr. 108-24-7) <sup>10</sup>	C
30129	Acetone (Dimetyl ketone, Propane-2-on, DMK) (C <sub>3</sub> H <sub>6</sub> O) (Cas-nr. 67-64-1) <sup>10</sup>	C
30206	Acid oils and fatty acid distillates <sup>10</sup>	B
30131	Adipic acid (1,4-butane dicarbonxylic acid) (C <sub>6</sub> H <sub>10</sub> O <sub>4</sub> ) (Cas-nr. 124-04-9) <sup>10</sup>	C
30128	Antifreeze (Ethyene glycol, EG, Ethane-1,2-diol) (C <sub>2</sub> H <sub>6</sub> O <sub>2</sub> ) (Cas-nr. 107-21-1)	B
30196	Arachide acid (Icosane acid) (C <sub>20</sub> H <sub>32</sub> O <sub>2</sub> , C <sub>20</sub> H <sub>40</sub> O <sub>2</sub> ) (Cas-nr. 506-30-9, 506-32-1) <sup>10</sup>	C
30175	Arachidic acid (Eicosanoic acid) (C <sub>20</sub> H <sub>40</sub> O <sub>2</sub> ) (Cas-nr. 506-30-9) <sup>10</sup>	C
30125	Bee wax (white and yellow), intended for technical purposes. (Cera flava, Cera alba) (Cas-nr. 8006-4-4, 8012-89-3) <sup>10</sup>	C
30195	Behene acid (Docosane acid) (C <sub>22</sub> H <sub>44</sub> O <sub>2</sub> ) (Cas-nr. 112-85-6) <sup>10</sup>	C
30123	Benzyl (C <sub>14</sub> H <sub>10</sub> O <sub>2</sub> ) (Cas-nr. 134-81-6)	B
30126	Benzyl alcohol (C <sub>7</sub> H <sub>8</sub> O) (Cas-nr. 100-51-6) <sup>10</sup>	C
30152	Butane diol (1,3 Buthylene glycol) (C <sub>4</sub> H <sub>10</sub> O <sub>2</sub> ) (Cas-nr. 107-88-0, 110-63-4, 513-85-9) <sup>10</sup>	C
30160	Butanon (Methyl ethylketone, MEK) (C <sub>4</sub> H <sub>8</sub> O) (Cas-nr. 78-93-3) <sup>10</sup>	C
30172	Buthyl alcohol (Butane-1-ol) (C <sub>4</sub> H <sub>10</sub> O) (Cas-nr. 71-36-3) <sup>10</sup>	C
30124	Butyl acetate (n-, sec- en ter-butylacetate) (C <sub>6</sub> H <sub>12</sub> O <sub>2</sub> ) (Cas-nr. 123-86-4, 105-46-4, 540-88-5) <sup>10</sup>	C
30142	Butylene glycol (1,2-butandiol, 1,2-dihydroxy butane) (C <sub>4</sub> H <sub>10</sub> O <sub>2</sub> ) (Cas-nr. 584-03-2) <sup>10</sup>	C
30173	Butyric acid (Butane acid, Ethyl acetic acid, Propane carboxylic acid) (C <sub>4</sub> H <sub>8</sub> O <sub>2</sub> ) (Cas-nr. 107-92-6) <sup>10</sup>	C
30132	Candelilla wax (Candelilla cera) (Cas-nr. 8006-44-8) <sup>10</sup>	C
30187	Caprin acid (n-decane acid) (C <sub>10</sub> H <sub>20</sub> O <sub>2</sub> ) (Cas-nr. 334-48-5) <sup>10</sup>	C
30190	Capron acid (n-Hexane acid) (C <sub>6</sub> H <sub>12</sub> O <sub>2</sub> ) (Cas-nr. 142-62-1) <sup>10</sup>	C
30188	Capryl acid (n-octane acid) (C <sub>8</sub> H <sub>16</sub> O <sub>2</sub> ) (Cas-nr. 124-07-2) <sup>10</sup>	C
30140	Carnauba wax (Hard leaf wax) (Cas-nr. 8015-86-9) <sup>10</sup>	C
30280	Castor oil (Cas-nr. 8001-79-4)	C
30289	Cenospheres, hollow microspheres of alumina silicate extracted from fly ash	B
30176	Cetyl-stearyl alcohol (C16-C18 Alcohol, Cetostearyl, Lanette O) (C <sub>18</sub> H <sub>38</sub> O en C <sub>16</sub> H <sub>34</sub> O) (Cas-nr. 67762-27-0) <sup>10</sup>	C
30213	Converter slag (Cas-nr. 91722-09-7)	B
30133	Cyclohexane (Hexamethylen, Hexanaphten, Hexahydrobenzol) (C <sub>6</sub> H <sub>12</sub> ) (Cas-nr. 110-82-7) <sup>10</sup>	C
30181	Decyl alcohol (Decane-1 ol, Antak) (C <sub>10</sub> H <sub>22</sub> O) (Cas-nr. 112-301) <sup>10</sup>	C
30290	Di-"isononyl" phthalate (DINP) (Cas-nr. 28553-12-0)	C
30163	Earth foam (Betacal, Carbokalk, Pressed foam earth)	B
30194	Eruca acid (Cis-docosane acid, Erucic acid) (C <sub>22</sub> H <sub>42</sub> O <sub>2</sub> ) (Cas-nr. 112-86-7) <sup>10</sup>	C
30255	Ether (Cas-nr. CAS nrs. 5131-66-8, 34590-94-8, 29911-28-2)	D
30135	Ethyl acetate (Acetidn) (C <sub>4</sub> H <sub>8</sub> O <sub>2</sub> ) (Cas-nr. 141-78-6) <sup>10</sup>	C
30209	Fatty acid esters <sup>10</sup>	C
30227	Fatty acid esters <sup>10</sup>	C
30240	Fatty acid not from animal origin for cosmetic industry (Cas-nr. 67701-02-4 / 61788-89-4 / 90990-15-1 + 67762-27-0)	C

Loading category 3		
30282	Furfuryl alcohol (Cas-nr. 98-00-0)	B
30246	Garden furniture wood, treated	B
30189	Heptane acid (C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> ) (Cas-nr. 111-14-8) <sup>10</sup>	C
30166	Heptyl alcohol (Heptane-1-ol) (C <sub>7</sub> H <sub>16</sub> O) (Cas-nr. 110-70-6) <sup>10</sup>	C
30180	Hexadecyl alcohol (Hexadecane-1-ol, Cetyl alcohol, Hexadecanol) (C <sub>16</sub> H <sub>34</sub> O) (Cas-nr. 36653-82-4) <sup>10</sup>	C
30167	Hexyl alcohol (Hexane-1-ol, Amylcarbinol, Caproyl alcohol) (C <sub>6</sub> H <sub>14</sub> O) (Cas-nr. 111-27-3) <sup>10</sup>	C
30147	Iso-buthyl acetate (2-Methylpropylacetate, Acetic acid isobutylester) (C <sub>6</sub> H <sub>12</sub> O <sub>2</sub> ) (Cas-nr. 110-19-0) <sup>10</sup>	C
30148	Isodecanol (Isodecyl alcohol) (C <sub>10</sub> H <sub>22</sub> O) (Cas-nr. 25339-17-7) <sup>10</sup>	C
30159	Isoftaal acid (1,3-Benzene dicarboxylic acid, M(eta)-phtalic acid) (C <sub>8</sub> H <sub>6</sub> O <sub>4</sub> ) (Cas-nr. 121-91-5)	B
30149	Isononanol (Isononyl alcohol, 7-methyloctanol, Isononol) (C <sub>9</sub> H <sub>20</sub> O) (Cas-nr. 27458-94-2) <sup>10</sup>	C
30150	Isooctanol (Isothyl alcohol, Oxooctyl alcohol) (C <sub>8</sub> H <sub>18</sub> O) (Cas-nr. 26952-21-6) <sup>10</sup>	C
30212	Latex (Vinamul 3231) ((CH <sub>3</sub> ) <sub>3</sub> SiO(Si(CH <sub>3</sub> ) <sub>2</sub> O)nSi(CH <sub>3</sub> ) <sub>3</sub> ) (Cas-nr. 9016-00-6)	C
30186	Laurine acid (n-dodecane acid) (C <sub>12</sub> H <sub>24</sub> O <sub>2</sub> ) (Cas-nr. 143-07-7) <sup>10</sup>	C
30185	Lauroline acid (Dodecene acid) (C <sub>12</sub> H <sub>22</sub> O <sub>2</sub> ) (Cas-nr. 4998-71-4) <sup>10</sup>	C
30178	Lauryl alcohol (Dodecyl alcohol, Dodecane-1-ol, Dodecanol) (C <sub>12</sub> H <sub>26</sub> O) (Cas-nr. 112-53-8) <sup>10</sup>	C
30177	Lauryl-myristyl alcohol (C12-C14 alcohol, n-dodecanol-tetradecanol) (C <sub>12</sub> H <sub>26</sub> O en C <sub>14</sub> H <sub>30</sub> O) (Cas-nr. 67762-41-8) <sup>10</sup>	C
30202	Linoleic acid (Octadecane 12 di-acid) (C <sub>18</sub> H <sub>32</sub> O <sub>2</sub> ) (Cas-nr. 60-33-3) <sup>10</sup>	C
30197	Linolenic acid (Octadecane-9, 12,15-triene acid) (C <sub>18</sub> H <sub>30</sub> O <sub>2</sub> ) (Cas-nr. 463-40-1) <sup>10</sup>	C
30161	Methanol (Methyl alcohol) (CH <sub>4</sub> O) (Cas-nr. 67-56-1) <sup>10</sup>	C
30158	Methyl isobutyl ketone (4-methyl pentane-2-on, MIBK) (C <sub>6</sub> H <sub>12</sub> O) (Cas-nr. 108-10-1) <sup>10</sup>	C
30208	Methyl laurate (Methyl dodecanate) (C <sub>13</sub> H <sub>26</sub> O <sub>2</sub> ) (Cas-nr. 111-82-0) <sup>10</sup>	C
30207	Methyl oleate (Methyl octadecanate) (C <sub>19</sub> H <sub>36</sub> O <sub>2</sub> ) (Cas-nr. 112-62-9) <sup>10</sup>	C
30211	Methyl palmitate (Methyl hexadecanate) (C <sub>17</sub> H <sub>34</sub> O <sub>2</sub> ) (Cas-nr. 112-39-0) <sup>10</sup>	C
30203	Methyl stearate (Methyl octadecanate) (C <sub>19</sub> H <sub>38</sub> O <sub>2</sub> ) (Cas-nr. 112-61-8) <sup>10</sup>	C
30157	methyl-tert-buthyl ether (MTBF) (C <sub>5</sub> H <sub>12</sub> O) (Cas-nr. 1634-04-4) <sup>10</sup>	C
30162	Montane wax (Cas-nr. 8002-53-7) <sup>10</sup>	C
30183	Myristine acid (n-tetradecane acid, Myristic acid) (C <sub>14</sub> H <sub>28</sub> O <sub>2</sub> ) (Cas-nr. 544-63-8) <sup>10</sup>	C
30184	Myristoline acid (Tetradecene acid) (C <sub>14</sub> H <sub>26</sub> O <sub>2</sub> ) (Cas-nr. 544-64-9) <sup>10</sup>	C
30145	n-heptane (Dipropylmethane) (C <sub>7</sub> H <sub>16</sub> ) (Cas-nr. 142-82-5) <sup>10</sup>	C
30146	n-hexane (C <sub>6</sub> H <sub>14</sub> ) (Cas-nr. 110-54-3, 64742-49-0) <sup>10</sup>	C
30164	Nonyl alcohol (1-Nonanol) (C <sub>9</sub> H <sub>20</sub> O) (Cas-nr. 143-08-8) <sup>10</sup>	C
30182	Octadecyl alcohol (Octadecane-1-ol, Stearyl alcohol, Octadecanol) (C <sub>18</sub> H <sub>38</sub> O) (Cas-nr. 112-92-5) <sup>10</sup>	C
30165	Octylalcohol (Octane-1-ol, Capryl alcohol) (C <sub>8</sub> H <sub>18</sub> O) (Cas-nr. 111-87-5) <sup>10</sup>	C
30199	Oleic acid (n-ocatdecane acid) (C <sub>18</sub> H <sub>34</sub> O <sub>2</sub> ) (Cas-nr. 112-80-1) <sup>10</sup>	C
30174	Oleyl alcohol (Cis-octadec-9-enol) (C <sub>18</sub> H <sub>36</sub> O) (Cas-nr. 143-28-2) <sup>10</sup>	C

<b>Loading category 3</b>		
30198	Palmitine acid (n-hexadecane acid, 1-Pentadecane carboxylic acid) (C <sub>16</sub> H <sub>32</sub> O <sub>2</sub> ) (Cas-nr. 57-10-3) <sup>10</sup>	C
30201	Palmitoline acid (Cis-hexadecane acid, Palmitoleic acid) (C <sub>16</sub> H <sub>30</sub> O <sub>2</sub> ) (Cas-nr. 373-49-9) <sup>10</sup>	C
30153	Paraffin wax (Paraffin candle, Paraffin) (Cas-nr. 8002-74-2, 63231-60-7) <sup>10</sup>	C
30192	Pelargon acid (n-nonane acid, Pelargon) (C <sub>9</sub> H <sub>18</sub> O <sub>2</sub> ) (Cas-nr. 112-05-0) <sup>10</sup>	C
30154	Pentane (C <sub>5</sub> H <sub>12</sub> ) (Cas-nr. 109-66-0) <sup>10</sup>	C
30151	Polypropylene glycol (PPG) (C <sub>3</sub> H <sub>8</sub> O <sub>2</sub> ) (Cas-nr. 25322-69-4) <sup>10</sup>	C
30275	Processed wood products (possibly treated and/or recycled)	B
30168	Propyl acetate (Acetic acid propylester) (C <sub>5</sub> H <sub>10</sub> O <sub>2</sub> ) (Cas-nr. 109-60-4) <sup>10</sup>	C
30170	Propyl alcohol (1-propanol) (C <sub>3</sub> H <sub>8</sub> O) (Cas-nr. 71-23-8) <sup>10</sup>	C
30143	Propylene glycol (1,2-dihydroxypropane, Propane-1,2-diol) (C <sub>3</sub> H <sub>8</sub> O <sub>2</sub> ) (Cas-nr. 55-57-6) <sup>10</sup>	C
30171	Propylene tetramer (Tetrapropylene) (C <sub>9</sub> H <sub>13</sub> ) (Cas-nr. 6842-15-5) <sup>10</sup>	C
30265	Recovered vegetable oil (non feed/non food) (Cas-nr. 68475-81-0)	C
30193	Ricinel acid (cis-12-hydroxyoctadec-9- eneacid, Castor oil acid) (C <sub>18</sub> H <sub>34</sub> O <sub>3</sub> ) (Cas-nr. 141-22-0) <sup>10</sup>	C
30156	Sodium gluconate (C <sub>6</sub> H <sub>12</sub> O <sub>7</sub> .Na) (Cas-nr. 527-07-1)	B
30155	Sodium silicate (Water glass) (Na <sub>2</sub> SiO <sub>3</sub> ) (Cas-nr. 1344-09-8) <sup>10</sup>	C
30137	Soja oil (epoxied) (Cas-nr. 8013-07-8) <sup>10</sup>	C
30169	Sorbitol (Sorbite, Glucitol) (C <sub>6</sub> H <sub>14</sub> O <sub>6</sub> ) (Cas-nr. 50-70-4) <sup>10</sup>	C
30200	Stearine acid (n-octadecane acid, Stearite, Pearl stearic) (C <sub>18</sub> H <sub>36</sub> O <sub>2</sub> ) (Cas-nr. 57-11-4) <sup>10</sup>	C
30139	Tetra methylol methane (Pentaerythrite) (C <sub>5</sub> H <sub>12</sub> O <sub>4</sub> )	B
30210	Tetrahydrofuran (1,4-epoxybutane, Butylene oxide, Diethylene oxide) (C <sub>4</sub> H <sub>8</sub> O) (Cas-nr. 109-99-9) <sup>10</sup>	C
30179	Tridecyl alcohol (Tridecane-1-ol, Tridecanol) (C <sub>13</sub> H <sub>28</sub> O) (Cas-nr. 27458-92-0, 112-70-9) <sup>10</sup>	C
30266	Unusable fibres and fibres, filler and coating slib obtained through mechanical separation	B
30191	Valerian acid (n-pentane acid, Propyl acetic acid, 1-butane carboxylic acid) (C <sub>5</sub> H <sub>10</sub> O <sub>2</sub> ) (Cas-nr. 109-52-4) <sup>10</sup>	C
30134	Vegetable and hydrogenised oils and fats (With the exeption of cashew nut oil and crude tall oil) (non food/non feed) <sup>10</sup>	C
30204	White mineral oil (Paraffin oil) (Cas-nr. 8042-47-5) <sup>10</sup>	C
30205	Wine lees (Vinasse, Argol, Potassium bitatrate) (C <sub>4</sub> H <sub>5</sub> KO <sub>6</sub> ) (Cas-nr. 868-14-4) <sup>11</sup>	C
<b>Products concerning soil</b>		
30046	Garden soil/compost, improves with green compost.	B
30044	Green compost <sup>9</sup>	B
30292	Soil from cleaning and washing beet	B
<b>Additives in bulk</b>		
30047	Feed aditives from the list of approved additives (transported in bulk) <sup>1</sup>	B
<b>Other inorganic substances</b>		
30273	Andalusite, particles < 10 mm (Al <sub>2</sub> SiO <sub>5</sub> )	B

<b>Loading category 3</b>		
30244	Magnetite (crushed)	B
30100	Quartz powder (Silicium dioxide) (SiO <sub>2</sub> ) (Cas-nr. 14808-60-7)	B
<b>Animal feeds</b>		
30243	Premixes (in liquid form)	B
<b>Solid mineral fuels</b>		
30055	Antracite (Hard coal)	B
30049	Briquettes	B
30051	Brown coal and brown coal briquettes (Lignite, B.K.B.)	B
30054	Coal (bituminous)	B
30053	Coal and coal agglomerates (Anthracite, Steam coal)	B
30056	Cokes (Cas-nr. 65996-77-2)	B
30052	Coking coal (Metallurgical coal)	B
30048	Eggs coal (Coal)	B
30050	Halfcokes	B
<b>Unknown</b>		
30250	Lilamin	C
30253	Lilamin AC-CI-95	C
30268	Slime materials	C

Loading category 4		
<b>Fertilisers</b>		
40285	Artificial fertilizer <sup>12, 13</sup>	A
<b>Other (inorganic) substances/products</b>		
40246	Aluminium silicate (Mullit, Silicic acid) ( $2\text{Al}_2\text{O}_3 \times 3\text{SiO}_2$ , $\text{SiO}_3$ )	A
40279	Anhydrite (Calcium sulphate) ( $\text{CaSO}_4$ ) (Cas-nr. 7778-18-9)	A
40309	Bicalcium phosphate	A
40276	Burnt gypsum (Cas-nr. –)	A
40247	Calcium silicate (Wollastonite) ( $\text{CaSiO}_3$ ) (Cas-nr. 13983-17-0)	A
40242	Calciumcarbonate (Calcereous lime) ( $\text{CaCO}_3$ )	A
40318	Calciumsulfat-Hemihydrat (Cas-nr. CAS nr. 10034-76-1)	A
40241	Chalk slurry, released in lactic acid preparation ( $\text{CaCO}_3 + \text{H}_2\text{O}$ ) ( $\text{CaCO}_3 + \text{H}_2\text{O}$ )	A
40255	Clinkers (Hard brick)	A
40256	Cobblestones	A
40240	Demineralised water ( $\text{H}_2\text{O}$ )	A
40245	Expanded Boomse clay (Argex) (Cas-nr. 14808-60-7)	A
40327	Ferrous (II) sulphate food/feed grade ( $\text{FeSO}_{4.7}\text{H}_2\text{O}$ , $\text{Fe.H}_2\text{O}_4\text{S}$ ) (Cas-nr. 17375-41-6, 7720-78-7)	A
40295	Glass, blown (granulatet) (Cas-nr. 65997-17-3)	A
40239	Gravel (Crushed stone, Creek rock)	A
40260	Grit	A
40323	Kaoline (Chamotte (fr)) (Cas-nr. 1332-58-7)	A
40278	Magnesium oxide (Magnesium powder) ( $\text{MgO}$ ) (Cas-nr. 1309-48-4)	A
40311	Magnesium phosphate	A
40253	Metal particles > 10 mm and fat and oil free	A
40252	Metamix	A
40310	Monocalcium phosphate	A
40251	Mortar cement (Cas-nr. 65997-15-1)	A
40248	Mortar lime (Cas-nr. 65997-15-1)	A
40257	Natural gypsum ( $\text{CaSO}_4$ ) (Cas-nr. 13397-24-5)	A
40249	Nepheline Syenite	A
40263	Perlite (not powder) (Cas-nr. 93763-70/3, 8075-36-3)	A
40283	Polyethylene (solid synthetic granules) (PE) (Cas-nr. 9002-88-4)	A
40296	Polyethylene glycol (solid) (PEG) (Cas-nr. 25322-68-3)	A
40280	Polyethylene terephthalate (solid synthetic granules) (PET) (Cas-nr. 25038-59-9)	A
40281	Polypropylene (solid synthetic granules) (PP, Polypropene) (Cas-nr. 9003-07-0 / 25085-53-4 / 26063-22-9)	A
40282	Polystyrene (solid synthetic granules) (PS) (Cas-nr. 9003-55-8 / 9003-53-6)	A
40284	Polyvinyl Chloride (PVC) in solid synthetic granules (PVC)	A
40262	Portland cement (Cas-nr. 65997-15-1)	A
40298	Potassium chloride (Sylvite) ( $\text{KCl}$ ) (Cas-nr. 7447-40-7)	A
40294	Pumice / Bims	A
40261	Red shist	A
40258	Schells	A
40243	Shingle (Pebbles)	A

<b>Loading category 4</b>		
40325	Sodium bicarbonate (Sodium hydrogen carbonate) ( $\text{NaHCO}_3$ ) (Cas-nr. 144-55-8)	A
40250	Sodium sulphate ( $\text{Na}_2\text{SO}_4$ ) (Cas-nr. 7757-82-6)	A
40305	Spinel ( $\text{MgO}\cdot\text{Al}_2\text{O}_3$ )	A
40254	Synthetic materials (Plastic)	A
40238	Talc ( $(\text{Mg}_3\text{H}_2(\text{SiO}_3)_4)$ ) (Cas-nr. 14807-96-6)	A
40293	Ternair sand	A
40312	Tricalcium phosphate (twobasic of onebasic)	A
40259	Vermiculite	A
<b>Other (organic) substances/products</b>		
40270	(Waste) paper	A
40324	Calcium lignosulphonate	A
40326	Cherry stones, dry	A
40264	Coffe membranes (dried)	A
40292	Coleseed straw	A
40277	Corn silage for biogas (Cas-nr. -)	A
40316	Crisps	A
40267	Ethanol (Ethyl alcohol) ( $\text{C}_2\text{H}_5\text{OH}$ ) (Cas-nr. 64-17-5)	A
40302	Garden furniture wood, untreated	A
40314	Grapeseeds, dried	A
40268	Grass seed, if of a healthy trading quality with respect to animal feed.	A
40315	Malt sprouts	A
40319	Nepheline Syenite ( $(\text{Na,K})\text{AlSiO}_4$ ) (Cas-nr. 37244-96-5)	A
40313	Nets ...	A
40317	Pressrests of apples, dried	A
40301	Reed	A
40275	Saw dust	A
40303	Starch products	A
40265	Tree bark	A
40266	Withdrawals from auctions	A
40269	Wood chipping (Green clippings)	A
40273	Wood pellets	A
<b>Products concerning soil</b>		
40234	Garden peat (Frozen black peat) <sup>2</sup>	A
40233	Garden soil/compost, treated with artificial fertilisers from category LR 4	A
40231	Sand, not contaminated or originating from (former) industrial sites	A
40232	Soil from peat excavation/black peat from upland peat excavation/black soil (Clay)	A
<b>Other inorganic substances</b>		
40321	Andalusite, particles $\geq 10$ mm ( $\text{Al}_2\text{SiO}_5$ )	A
40236	Granite (Cas-nr. n.v.t)	A
40307	Labradorite ( $(\text{Ca,Na})(\text{Si,Al})_4\text{O}_8$ )	A
40306	Lava (Si, Fe, Mg)	A
40300	Magnetite (stone)	A
40237	Mine stone (Natural stone)	A
40235	Quartz ( $\text{SiO}_2$ ) (Cas-nr. 14808-60-7)	A

<b>Loading category 4</b>		
40308	Rhyolite	A
<b>Products or raw materials for human foods</b>		
40322	Fancy rolls and bread products without meat or dairy filling	A
40271	Products or raw materials for human food	A
40304	Starches (Cas-nr. 9005-25-8)	A
<b>Animal feeds</b>		
40213	Additives in solid/dry form (transported in packaged form)	A
40218	Compound feed without processed animal proteins <sup>14</sup>	A
40274	Feed materials of mineral origin <sup>15</sup>	A
40221	Feed materials of vegetable origin <sup>15</sup>	A
40299	Premixes (in solid form)	A
<b>Unknown</b>		
40320	Rests of carpet, mattress and foil, unused.	A

**Loading category 4 (E)****Animal feeds**

40286	Animal feeds which contain (processed) animal proteins if the subsequent load is demonstrably intended for pet foods	A
40287	Animal feeds with blood products of non-ruminants, if the subsequent load is feeds for non-ruminants	A
40288	Animal feeds with dicalcium phosphate of animal origin, if the subsequent load is feeds for non-ruminants	A
40290	Animal feeds with fish meal, if the subsequent load is feeds for non-ruminants	A
40289	Animal feeds with tricalcium phosphate of animal origin <sup>8, 16</sup>	A
40291	Fish feeds which contain blood products or blood meal, if the subsequent load is feed for meat-eating fur-bearing animals	A

---

<sup>1</sup>If products with the specific name are classified in loading category LR2, LR3 or LR4 then the relevant loading category applies.

<sup>2</sup>This products is registered on the List of differences. Please consult this list. The strictest cleaning regime has to be applied.

<sup>3</sup>Dedicated transport Transport may only be used for other purposes after it has been cleaned and inspected by the competent authority.

<sup>4</sup>Dedicated transport Transport may only be used for other purposes after it has been cleaned and inspected by the competent authority. The bulk transport of animal feeds which contain these proteins takes place in facilities which are physically separated from the corresponding facilities for feed for ruminants. Animal feeds in bulk which contain these proteins are not transported at the same time in vehicles which transport feed for ruminants. If the means of transport is then used for the transport of feed for ruminants then it will be thoroughly cleaned in accordance with a cleaning procedure approved by the competent authority in order to avoid carry-over. If the next load of feed is the same animal protein then the vehicles may be used for this without additional requirements.

<sup>5</sup>If the vehicle is then used for the transport of feed for other productive livestock than fish the vehicle must first be thoroughly cleaned in accordance with a cleaning procedure approved by the competent authority.

<sup>6</sup>If the company has a control system which is certified by the competent authority in order to avoid carry-over, then vehicles which are used to transport fish meal may be used for other purposes. If the next load of feed is the same animal protein then the vehicles may be used without additional requirements.

<sup>7</sup>This concerns processed manure and processed manure products, originating from an institution approved by the qualified authority. They must be free of salmonella and enterobacteriaceae (according to measurement of the aerobic germ count: < 1000 kve per gramme of treated product) and the trace and toxin formation must be suppressed.

<sup>8</sup>  
<sup>9</sup>When there is clearly vegetable compost obtained solely from wood cuttings, plant (remains), hedge clippings, leaves, grass and roadside mowings then loading category 3 applies. This must be specifically indicated when issuing the order.

<sup>10</sup>For mandatory cleaning with suitable cleansing agent (regime c) and in the case of a tank made of stainless steel, epoxy resin or a technically equivalent substance (see 96/3/EG and KB 1997-12-22).

<sup>11</sup>This does not mean reed vinasse and/or beet vinasse. These are feed materials classified in category 4.

<sup>12</sup>The carrier must provide a written cleaning statement to the customer of the next feed transport after each artificial fertiliser journey. The general requirement will of course remain additionally applicable that if after dry cleaning there are load residues in the means of transport then there must always then be wet cleaning.

<sup>13</sup>In the case of artificial fertiliser blendings the company should assess the individual ingredients. These ingredients (such as copper, cobalt) are sometimes classified in a different loading category. On this basis a different cleaning regime could be necessary. This may mean that dry cleaning is not sufficient.

<sup>14</sup>

<sup>15</sup>If there are remains after dry cleaning then use additional wet cleaning (or with water and cleansing agent).

<sup>16</sup>The cleaning and disinfections instructions of the current legislation apply.