

Agreement 2004 – 10
OIC 2005 Revision of
OSPAR List of Substances / Preparations Used and Discharged Offshore which Are
Considered to Pose Little or No Risk to the Environment (PLONOR)

CAS Number	EINECS Number	Substance/Preparation
64-19-7	200-580-7	Acetic acid
1335-30-4	215-628-2	Aluminium silicate
12141-46-7	235-253-8	Aluminium silicate (Al ₂ SiO ₅)
12068-56-3	235-102-6	Aluminium silicate (Al ₆ Si ₂ O ₁₃)
22708-90-3	245-167-2	Aluminium silicate 1:2 (Al _{1/2} H ₆ O ₇ Si ₂)
14504-95-1	238-509-7	Aluminium silicate 3:2 (Al _{3/2} H ₂ O ₃ Si)
1332-58-7	310-194-1	Aluminium silicate, hydrated (Kaolin)
1318-93-0	215-288-5	Aluminium silicate (Montmorillonite)
10043-01-3	233-135-0	Aluminium sulphate
7722-76-1	231-764-5	Ammonium dihydrogen phosphate ((NH ₄)H ₂ PO ₄)
10124-31-9	233-330-0	Ammonium acid phosphate / phosphoric acid, ammonium salt (NH ₃ .xH ₃ PO ₄)
10192-30-0	233-469-7	Ammonium bisulphite
12125-02-9	235-186-4	Ammonium chloride
1336-21-6	215-647-6	Ammonium hydroxide
10196-04-0	233-484-9	Ammonium sulphite
9000-92-4	232-567-7	Amylase
9000-90-2	232-565-6	Amylase α - <i>Aspergillus oryzae</i>
9000-91-3	232-566-1	Amylase β
9032-08-0	232-877-2	Amylase γ, amylase gluco
9000-85-5	232-560-9	Amylase, bacterial
9013-01-8	232-742-8	Amylase, fungal
9067-73-6	232-956-1	Amylase, iso-
9005-84-9	232-686-4	Amylodextrin (starch, soluble)
50-81-7	200-066-2	Ascorbic acid
89-65-6	201-928-0	Isoascorbic acid
12174-11-7	-	Attapulgite clay
1327-41-9	215-477-2	Basic aluminium chloride
13462-86-7	236-664-5	Barite
7727-43-7	231-784-4	Barium sulphate
1302-78-9	215-108-5	Bentonite
70131-50-9	274-324-8	Bentonite, acid-leached
71-36-3	200-751-6	Butanol (Butan-1-ol)
7789-41-5	232-164-6	Calcium bromide
71626-99-8	-	Calcium bromide, hydrate (Br ₂ Ca _x H ₂ O)
471-34-1	207-439-9	Calcium carbonate
1317-65-3	215-279-6	Calcium carbonate (marble or limestone)

CAS Number	EINECS Number	Substance/Preparation
10043-52-4	233-140-8	Calcium chloride
10035-04-8	-	Calcium chloride, dehydrate $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$
1305-62-0	215-137-3	Calcium hydroxide
8061-52-7	-	Calcium lignosulphate
10124-37-5	233-332-1	Calcium nitrate
1305-78-8	215-138-9	Calcium oxide (lime)
10103-46-5	233-283-6	Calcium phosphate
7758-23-8	231-837-1	Calcium dihydrogen phosphate ($\text{Ca}(\text{H}_2\text{PO}_4)_2$)
7790-76-3	232-221-5	Calcium diphosphate ($\text{Ca}_2\text{P}_2\text{O}_7$) or Dicalcium pyrophosphate ($\text{Ca}_{1/2}\text{H}_4\text{O}_7\text{P}_2$)
7757-93-9	231-826-1	Calcium hydrogen phosphate (CaHPO_4)
7758-87-4	231-840-8	Calcium orthophosphate ($\text{Ca}_3(\text{PO}_4)_2$)
1592-23-0	216-472-8	Calcium stearate
7778-18-9	231-900-3	Calcium sulphate (Gypsum)
10101-41-4	-	Calcium sulphate dihydrate ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$)
10034-76-1	-	Calcium sulphate hemihydrate ($\text{CaSO}_4 \cdot 0.5\text{H}_2\text{O}$)
9004-30-2	Polymer	Carboxy methyl hydroxy ethyl cellulose
125494-51-1	-	Causticized lignite
9012-54-8	232-734-4	Cellulase
9025-56-3	232-799-9	Hemicellulase
-	-	Cement, Grade G
77-92-9	201-069-1	Citric acid
5949-29-1	-	Citric acid, monohydrate
65996-61-4	265-995-8	Cellulose fibre
9004-34-6	232-674-9	Cellulose crystalline
Mixture	Mixture	Cornstarch, hydroxyl ethyl cellulose, calcium carbonate
-	-	Cotton seed hulls
61790-53-2	-	Diatomaceous earth
91053-39-3	293-303-4	Diatomaceous earth, calcined (Kieselguhr calcined)
10034-77-2	233-107-8	Dicalcium silicate
16389-88-1	240-440-2	Dolomite
64-17-5	200-578-6	Ethanol
64-17-5	200-578-6	Ethanol (denatured)
9004-57-3	-	Ethyl cellulose
10028-22-5	233-072-9	Ferric sulphate
12003-38-2	234-426-5	Fluorophlogopite (Mica, synthetic)
63-71-3	209-259-6	Ferrous carbonate
64-18-6	200-579-1	Formic acid (HCOOH) ¹
-	-	Glass beads
56-81-5	200-289-5	Glycerine
7782-42-5	231-955-3	Graphite

1 Reservation from Denmark and the Netherlands on the inclusion of formic acid (HCOOH).

CAS Number	EINECS Number	Substance/Preparation
7440-44-0	231-153-3	Carbon
9000-30-0	232-536-8	Guar gum
7778-18-9	231-900-3	Gypsum (Calcium sulphate)
1317-60-8	215-275-4	Hematite, iron oxide (Fe ₂ O ₃)
9004-62-0	-	Hydroxyethyl cellulose
9004-62-0	-	2-Hydroxyethyl ether cellulose
39421-75-5	-	Hydroxypropyl guar gum
12168-52-4	308-551-1	Ilmenite
10290-71-8	233-647-4	Iron carbonate
563-71-3	209-259-6	Iron carbonate (FeCO ₃)
62997-05-1	-	Iron (II) lignosulphonate
39331-38-9	-	Iron lignosulphonate, all oxidation states
1332-37-2	215-570-8	Iron oxides
1317-60-8	215-275-4	Iron oxide, Hematite (Fe ₂ O ₃)
1345-25-1	215-721-8	Iron (II) oxide (FeO)
1309-37-1	215-168-2	Iron (III) oxide (Fe ₂ O ₃)
1317-61-9	215-277-5	Mixed iron (II + III) oxide / iron oxide (Fe ₃ O ₄)
67-63-0	200-661-7	Isopropanol
1332-58-7	310-194-1	Kaolin (aluminium silicate, hydrated)
63-42-3	200-559-2	Lactose
8002-43-5	232-307-2	Lecithin
8030-76-0	310-129-7	Lecithins, soya (soya beans)
9005-53-2	232-682-2	Lignin
8002-53-7	232-313-5	Lignite
1305-78-8	215-138-9	Lime (calcium oxide)
1317-65-3	215-279-6	Limestone (calcium carbonate or marble)
7786-30-3	232-094-6	Magnesium chloride
7791-18-6	-	Magnesium chloride hexahydrate (MgCl ₂ .6H ₂ O)
1309-48-4	215-171-9	Magnesium oxide
68412-28-2	270-182-6	Magnesium hydroxide (lightly calcinated)
1309-42-8	215-170-3	Magnesium hydroxide
1317-35-7	215-266-5	Manganese tetraoxide
67-56-1	200-659-6	Methanol
12003-38-2	234-426-5	Mica, synthetic (fluorophlogopite)
12001-26-2	310-127-6	Mica group minerals
107-21-1	203-473-3	Monoethylenglycol
1318-93-0	215-288-5	Montmorillonite (aluminium silicate)
-	-	Nutshells
-	-	Olive pits
-	-	Polysaccharide containing glucose, mannose and glucuronic acid units
584-08-7	209-529-3	Potash

CAS Number	EINECS Number	Substance/Preparation
298-14-6	206-059-0	Potassium bicarbonate
584-08-7	209-529-3	Potassium carbonate
7447-40-7	231-211-8	Potassium chloride
590-29-4	209-677-9	Potassium formate
7681-11-0	231-659-4	Potassium iodide, anhydrous
7757-79-1	231-818-8	Potassium nitrate
16068-46-5	240-213-8	Potassium phosphate
7758-11-4	231-834-5	Potassium phosphate dibasic (K_2HPO_4 or $H_3O_4P.2K$)
7778-53-2	231-907-1	Potassium phosphate tribasic (K_3PO_4)
7778-77-0	231-913-4	Potassium phosphate monobasic (KH_2PO_4)
14887-42-4	238-961-5	Phosphoric acid, potassium salt (2 :1) ($KH_5(PO_4)_2$)
9005-25-8	232-679-6	Pregelatinized potato starch
71-23-8	200-746-9	Propanol
7758-16-9	231-835-0	Pyrophosphate (sodium acid pyrophosphate; SAPP)
63231-67-4	-	Silica gel
1343-98-2	215-683-2	Silicic acid
14808-60-7	238-878-4	Silica sand
7631-86-9	231-545-4	Silicon dioxide
497-19-8	207-838-8	Soda ash (sodium carbonate)
127-09-3	204-823-8	Sodium acetate
6131-90-4	-	Sodium acetate trihydrate ($C_2H_4O_2.3H_2O.Na$)
532-32-1	208-534-8	Sodium benzoate
144-55-8	205-633-8	Sodium bicarbonate
7631-90-5	231-548-0	Sodium bisulphite
7681-57-4	231-673-0	Sodium metabisulphite ($Na_2S_2O_5$)
6834-92-0	229-912-9	Sodium metasilicate (Na_2SiO_3)
1333-73-9	215-604-1	Sodium borate
1330-43-4	215-540-4	Disodium tetraborate, anhydrous ($Na_2B_4O_7$)
12179-04-3	215-540-4	Disodium tetraborate penta-hydrate ($Na_2B_4O_7.5H_2O$)
1303-96-4	215-540-4	Disodium tetraborate deca-hydrate / Borax ($Na_2B_4O_7.10H_2O$)
11138-47-9	234-390-0	Sodium perborate, anhydrous / Perboric acid, sodium salt ($NaBO_3$)
10332-33-9	234-390-0	Sodium perborate mono-hydrate ($NaBO_3.H_2O$)
10486-00-7	234-390-0	Sodium perborate tetrahydrate ($NaBO_3.4H_2O$)
12007-92-0	234-522-7	Sodium pentaborate, anhydrous ($Na_2B_{10}O_{16}$)
12631-71-9	234-522-7	Sodium pentaborate penta-hydrate ($Na_2B_{10}O_{16}.5H_2O$)
12008-41-2	234-541-0	Disodium octaborate, (anhydrous) ($Na_2B_8O_{13}$)
12280-03-4	234-541-0	Disodium octaborate tetra-hydrate ($Na_2B_8O_{13}.4H_2O$)
12267-73-1	235-541-3	Disodium tetraborate / Boron sodium oxide, hydrated ($Na_2B_4O_7.xH_2O$)
13840-56-7	237-560-2	Boric acid, sodium salt
7647-15-6	231-599-9	Sodium bromide

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497-19-8	207-838-8	Sodium carbonate (Soda Ash)
3313-92-6	222-003-8	Sodium percarbonate (Na ₂ C ₂ H ₂ O ₆)
5968-11-6	-	Sodium carbonate monohydrate (CO ₃ .H ₂ O.2Na)
6132-02-1	-	Sodium carbonate decahydrate (Na ₂ CO ₃ .10H ₂ O)
9004-32-4	-	Sodium carboxymethylcellulose
7647-14-5	231-598-3	Sodium chloride
141-53-7	205-488-0	Sodium formate
8061-51-6	-	Sodium lignosulphonate
7631-99-4	231-554-3	Sodium nitrate
7632-00-0	231-555-9	Sodium nitrite (NaNO ₂)
7632-05-5	231-558-5	Sodium phosphate
7558-80-7	231-449-2	Sodium dihydrogen phosphate (NaH ₂ PO ₄)
7601-54-9	231-509-8	Sodium phosphate (Na ₃ PO ₄)
7722-88-5	231-767-1	Sodium pyrophosphate (Na ₄ P ₂ O ₇)
7758-29-4	231-838-7	Pentasodium triphosphate (Na ₅ P ₃ O ₁₀)
7785-84-4	232-088-3	Trisodium triphosphate ((NaPO ₃) ₃)
10124-56-8	233-343-1	Sodium polymetaphosphate / Sodium hexametaphosphate (Na ₆ (PO ₃) ₆)
10361-03-2	233-782-9	Sodium metaphosphate (NaPO ₃)
14691-80-6	238-735-6	Trisodium diphosphate (Na ₃ HP ₂ O ₇)
50813-16-6	256-779-4	Sodium polymetaphosphate / Metaphosphoric acid, sodium salt)
65185-91-3	265-604-0	Trisodium trihydrogen bis phosphate (Na ₃ (PO ₄) ₂)
1344-09-8	215-687-4	Sodium silicate
13870-28-5	237-623-4	Disodium disilicate (Na ₂ Si ₂ O ₅)
13472-30-5	236-741-3	Tetrasodium orthosilicate (Na ₄ (SiO ₄))
13870-30-9	237-626-0	Disodium trisilicon heptaoxide (Na ₂ Si ₃ O ₇)
15593-82-5	239-671-1	Hexasodium diorthosilicate (Na ₆ Si ₂ O ₇)
7757-82-6	231-890-9	Sodium sulphate, anhydrous
7727-73-3		Sodium sulphate decahydrate
7757-83-7	231-821-4	Sodium sulphite
14986-84-6	239-073-0	Sodium tetrphosphate
10102-17-7	-	Sodium thiosulphate pentahydrate
7772-98-7	231-867-5	Sodium thiosulphate (Na ₂ S ₂ O ₃)
50-70-4	200-061-5	Sorbitol
9005-25-8	232-679-6	Starch (without additives)
9005-84-9	232-686-4	Starch, soluble (amylodextrin)
68476-78-8	270-698-1	Sugarcane molasses
12168-85-3	235-336-9	Tricalcium silicate
57-13-6	200-315-5	Urea
-	-	Vegetable fibre
1318-00-9	-	Vermiculite
68608-58-2	271-787-8	Whey, Protein-free

CAS Number	EINECS Number	Substance/Preparation
		Whey permeate
-	-	Wood fibres
11138-66-2	234-394-2	Xanthan gum
-	Mixture	25% amylase / 75% amylopectin polymer (only as a preservative for pregelatinised starch with a maximum concentration of 5%)
-	Polymer	High MW hydroxy ethyl cellulose polymer
-	Polymer	Hydroxypropylated cross-linked corn starch

Hyphen (-) indicates that no CAS number or EINECS number is available (where no EINECS number is available, the chemical may not be available in the European Union).

No entry () indicates that CAS number or EINECS number has still to be identified.