

OSPAR CONVENTION FOR THE PROTECTION OF THE MARINE ENVIRONMENT OF THE
NORTH-EAST ATLANTIC

MEETING OF THE OFFSHORE INDUSTRY COMMITTEE (OIC)

CADIZ: 11 – 15 FEBRUARY 2002

OSPAR List of Substances/Compounds Liable to Cause Taint

(Reference number: 2002-5)

When regulating the use and discharge of offshore chemicals according to the principles set out in OSPAR Decision 2000/2, OSPAR Decision 2000/3 and OSPAR Recommendation 2000/4, Contracting Parties should identify and flag substances known, or liable to cause taint.

The list of substances/compounds known (in bold), or liable to cause taint is in Appendix 1. Substances that have been tested and found not to cause taint are listed in Appendix 2.

“Taint” should be considered an additional property and a prioritisation factor for Contracting Parties to be taken into account in the pre-screening process and the management decisions to be taken by national competent authorities.

Contracting Parties should ensure that whenever practicable substitutes are available, substances liable to, or known to cause taint should be substituted.”

OSPAR List of Substances/Compounds Liable to Cause Taint
Compiled from GESAMP/EHS Composite list of Hazard Profiles

Substances, which have been tested for tainting, and have proven to taint are identified in **bold text**

(revised February 2002)

CAS number(s)	Name
75-07-0	Acetaldehyde
107-02-8	Acrolein
	Alkyl (C8-C9) phenylamine, in aromatic solvent (LOA)
538-68-1	Amylbenzene
110-66-7	Amylthiol
100-66-3	Anisole
100-52-7	Benzaldehyde
109-79-5	1-butane thiol
109-79-5	Butanethiols
513-53-1	
820-29-1	Butyl n-amyl ketone
104-51-8	Butyl benzene
	Butyl benzene, (all isomers)
135-98-8	Sec-butyl benzene
98-06-6	Tert-butyl benzene
109-21-7	Butyl butyrate
1638-22-8	Butyl phenols (liquid or solid)
3180-09-4	
4074-43-5	
28805-86-9	
590-01-2	Butyl propionate
98-51-1	p-tert-Butyl toluene
123-72-8	Butyraldehyde
61789-36-4	Calcium naphthenate
	Calcium naphthenate in mineral oil (LOA)
8008-51-3	Camphor oil, white
84650-03-3	Carbolic oil
95-49-8	o-chlorotoluene

CAS number(s)	Name
8007-45-2	Coal tar
65996-79-4	Coal tar naphtha
	Cobalt naphthenate in solvent naphtha
8001-58-9	Creosote (Coal Tar)
8021-39-4	Creosote (wood tar)
1319-77-3	Cresols (mixed isomers)
Same as cresols	Cresylic acids
?	Cresylic acids, dephenolised
	Cresylic acids, sodium salt solution
77-73-6	1,3-Cyclopentadiene dimer (molten)
112-31-2	Decaldehyde
112-30-1	Decanol (<i>1-decanol</i>)
645-62-5	2-Ethyl-3-propyl acrolein
927-49-1	Di-n-amyl ketone
502-56-7	Di-n-butyl ketone
95-50-1	o-Dichlorobenzene
111-44-4	sym-Dichlorodiethyl ether
120-83-2	2,4-Dichlorophenol
87-65-0	2,6-Dichlorophenol
25167-81-1	Dichlorophenols mixed
94-75-7	2,4-Dichlorophenoxyacetic acid
5742-19-8	2,4-Dichlorophenoxyacetic acid, diethanolamine salt, solution
2008-39-1	2,4-Dichlorophenoxyacetic acid, dimethylamine salt, 70% or less solution
	2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt soln
105-57-7	1,1-Diethoxyethane
25340-17-4	Diethyl benzene (mixed isomers)
462-18-0	Di-n-hexyl ketone
99-62-7	1,3-Diisopropylbenzene
100-18-5	1,4-Diisopropylbenzene
624-92-0	Di methyl disulphide
431-03-8	Dimethyl glyoxal
75-18-3	Dimethyl sulphide
534-52-1	4,6-Dinitro-o-cresol
138-86-3	Dipentene

CAS number(s)	Name
28984-87-4	Diphenyl/Diphenyl ether (mixtures)
101-84-8	Diphenyl ether
	Diphenyl ether/Biphenyl phenyl ether mixtures
123-19-3	Di-n-propyl ketone
759-94-4	EPTC (ISO) :- (S-ethyl di-N,N-propylthiocarbamate)
75-08-1	Ethane thiol
140-88-5	Ethyl acrylate
106-68-3	Ethyl amyl ketone
106-35-4	Ethyl butyl ketone
97-96-1	2-Ethylbutyraldehyde
	Ethylchlorothioformate
928-80-3	Ethyl n-heptyl ketone
123-05-7	2-Ethyl hexaldehyde
925-78-0	Ethyl n-hexyl ketone
611-14-3	1-Ethyl-2-methyl-benzene
90-00-6	o-Ethyl phenol
142-83-6	2,4-Hexadiene aldehyde
66-25-1	Hexyl aldehyde
538-93-2	Isobutyl benzene
539-90-2	Isobutyl butyrate
97-85-8	Isobutyl isobutyrate
540-42-1	Iso butyl propionate
78-84-2	Isobutyraldehyde
3085-26-5	Isodecaldehyde
25339-17-7	Isodecanol
27458-94-2	Isononanol
52738-99-5	Isooctaldehyde
26952-21-6	Isooctanol
98-82-8	Isopropyl benzene
25155-15-1	Isopropyl toluenes
527-84-4	
535-77-3	
99-87-6	
590-86-3	Isovaleraldehyde

CAS number(s)	Name
	Laktane (light naphtha solvent, aromatics less than 25%)
74-93-1	Methane thiol
110-43-0	Methyl amyl ketone
96-17-3	2-Methyl butyraldehyde
6175-49-1	Methyl n-decyl ketone
2345-27-9	Methyl n-dodecyl ketone
1758-88-9	1,4-Methyl ethyl benzene
104-90-5	2-Methyl-5-ethylpyridine
821-55-6	Methyl heptyl ketone
111-13-7	Methyl hexyl ketone
?	Methyl mercaptopropionaldehyde
90-12-0	1-Methyl naphthalene
91-57-6	2-Methyl naphthalene
1321-94-4	Methyl naphthalenes
112-12-9	Methyl n-nonyl ketone
693-54-9	Methyl n-octyl ketone
119-36-8	Methyl salicylate
98-83-9	alpha-Methylstyrene
593-08-8	Methyl n-undecyl ketone
98-95-3	Mononitrobenzene
91-20-3	Naphthalene
1338-24-5	Naphthenic acids
12167-20-3	Nitrocresols
99-08-1	m-Nitrotoluene
88-72-2	o-Nitrotoluene
99-99-0	p-Nitrotoluene
25168-04-1	Nitroxylenes
124-19-6	1-Nonanal
143-08-8	1-Nonanol
124-13-0	Octaldehyde
111-87-5	1-Octanol
1560-06-1	1-Phenyl-2-butene
768-56-9	4-Phenyl-1-butene
622-76-4	1-Phenyl-1-butyne
	1-Phenyl-1-hexyne
4250-81-1	1-Phenyl-1-pentyne

CAS number(s)	Name
673-32-5	1-Phenyl-1-propyne
	3-Phenyl-1-propyne
80-56-8	alpha-Pinene
107-03-9	1-Propanethiol
75-33-2	2-Propanethiol
	Propane thiols
123-38-6	Propionaldehyde
4485-09-0	Propyl n-amyl ketone
103-65-1	Propyl benzene
589-63-9	Propyl n-butyl ketone
624-16-8	Propyl n-hexyl ketone
100-42-5	Styrene (monomer)
488-23-3	1,2,3,4-Tetramethylbenzene
527-53-7	1,2,3,5-Tetramethylbenzene
95-93-2	1,2,4,5-Tetramethylbenzene
102-25-0	1,3,5-Triethylbenzene
526-73-8	1,2,3-Trimethylbenzene
95-63-6	1,2,4-Trimethylbenzene
108-67-8	1,3,5-Trimethylbenzene
9005-90-7	Turpentine (wood)
112-42-5	1-Undecanol
110-62-3	Valeraldehyde
25013-15-4	Vinyl toluenes
526-75-0	2,3-Xylenol
105-67-9	2,4-Xylenol
95-87-4	2,5-Xylenol
576-26-1	2,6-Xylenol
95-65-8	3,4-Xylenol
108-68-9	3,5-Xylenol
1300-71-6	Xylenols (mixtures)

Substances tested for tainting and found not to cause taint

Compiled from GESAMP/EHS Composite list of Hazard Profiles

CAS No	Name	CAS No	Name
71-36-3	1-Butanol	126-98-7	Methacrylonitrile
79-31-2	iso-Butyric acid	109-06-8	2-Methyl pyridine
107-92-6	n-Butyric acid	100-02-7	4-Nitrophenol
124-40-3	Dimethylamine (anhydrous)	108-95-2	Phenol
95-47-6	1,2-Dimethylbenzene (o-xylene)	127-91-3	β-Pinene
108-38-3	1,3-Dimethylbenzene (m-xylene)	110-86-1	Pyridine
106-42-3	1,4-Dimethylbenzene (p-xylene)	108-88-3	Toluene
329-71-5 51-28-5 573-56-8	Dinitrophenols	1330-20-7	Xylene (mixed isomers)
104-76-7	2-Ethylhexanol		