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[Barrettine Danish Oil](#)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
 Name : Danish Oil  
 Product code : OIDAGEN

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Intended for general public  
 Main use category : Consumer use, Professional use  
 Use of the substance/mixture : Wood treatment

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Barrettine  
 Barrettine Works  
 St Ivel Way  
 Warmley  
 Bristol  
 BS30 8TY

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Email: sales@barrettine.co.uk

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 1270 502891 (Out of Office Hours Emergency Number)

Country	Organisation/Company	Address	Emergency number
IRELAND (REPUBLIC OF)	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
UNITED KINGDOM	National Poisons Information Service (NHS Direct)	<a href="http://www.npis.org">http://www.npis.org</a>	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3 H226

STOT SE 3 H336

Asp. Tox. 1 H304

Full text of H-statements: see section 16

##### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

R10

R66

Full text of R-phrases: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Danger

Hazardous ingredients :

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics, Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene), Naphtha (Petroleum), Hydrotreated Heavy, Low Boiling Point Hydrogen treated Naphtha, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Hazard statements (CLP) :

H226 - Flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
H336 - May cause drowsiness or dizziness

Precautionary statements (CLP) :

P102 - Keep out of reach of children  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P233 - Keep container tightly closed  
P261 - Avoid breathing fume, vapours, mist, spray  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear eye protection, face protection, protective clothing, protective gloves  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

EUH-statements :

EUH066 - Repeated exposure may cause skin dryness or cracking

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	(EC no) 919-857-5 (REACH-no) 01-2119463258-33-XXXX	30 - 50	R10 Xn; R65 R66
Naphtha (Petroleum), Hydrotreated Heavy, Low Boiling Point Hydrogen treated Naphtha, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(CAS No) 64742-48-9. (EC no) 918-481-9 (REACH-no) 01-2119457273-39-XXXX	1 - 15	Xn; R65
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)	(CAS No) 64742-48-9. (EC no) 919-857-5 (REACH-no) 01-2119463258-33-XXXX	5 - 15	Xn; R65 R66 R10 R67
silica, precipitated substance with national workplace exposure limit(s) (BE, FI, GB)	(CAS No) 112926-00-8 (REACH-no) 01-2119379499-16-XXXX	< 5	Not classified
polyethylenes substance with national workplace exposure limit(s) (BE, FR, GB, IT, LT, PT)	(CAS No) 9002-88-4	< 5	Not classified
xylene substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, ES, ET, FI, FR, GB, GR, HU, IE, IT, LT, LU, MT, NL, PL, PT, RO, SE)	(CAS No) 1330-20-7. (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32-XXXX	< 1	R10 Xn; R20/21 Xi; R38
cobalt(II) 2-ethylhexanoate substance with national workplace exposure limit(s) (GB)	(CAS No) 136-52-7 (EC no) 205-250-6 (REACH-no) 01-2119524678-29-XXXX	< 0,1	Repr.Cat.3; R62 Xi; R36 N; R50/53 R43

Name	Product identifier	%	Classification according to Directive 67/548/EEC
2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime substance with national workplace exposure limit(s) (AT, IE)	(CAS No) 96-29-7 (EC no) 202-496-6 (EC index no) 616-014-00-0	< 0,1	Carc.Cat.3; R40 Xn; R21 Xi; R41 R43
2-ethyl hexanoic acid substance with national workplace exposure limit(s) (BE, ES, IE, IT, PT)	(CAS No) 149-57-5 (EC no) 205-743-6 (EC index no) 607-230-00-6	< 0,1	Repr.Cat.3; R63
Name	Product identifier	Specific concentration limits	
xylene	(CAS No) 1330-20-7. (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32-XXXX	(C >= 12,5) Xn;R20/21	
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	(EC no) 919-857-5 (REACH-no) 01-2119463258-33-XXXX	30 - 50	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
Naphtha (Petroleum), Hydrotreated Heavy, Low Boiling Point Hydrogen treated Naphtha, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(CAS No) 64742-48-9. (EC no) 918-481-9 (REACH-no) 01-2119457273-39-XXXX	1 - 15	Asp. Tox. 1, H304
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)	(CAS No) 64742-48-9. (EC no) 919-857-5 (REACH-no) 01-2119463258-33-XXXX	5 - 15	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
silica, precipitated substance with national workplace exposure limit(s) (BE, FI, GB)	(CAS No) 112926-00-8 (REACH-no) 01-2119379499-16-XXXX	< 5	Not classified
polyethylenes substance with national workplace exposure limit(s) (BE, FR, GB, IT, LT, PT)	(CAS No) 9002-88-4	< 5	Not classified
xylene substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, ES, ET, FI, FR, GB, GR, HU, IE, IT, LT, LU, MT, NL, PL, PT, RO, SE)	(CAS No) 1330-20-7. (EC no) 215-535-7 (EC index no) 601-022-00-9 (REACH-no) 01-2119488216-32-XXXX	< 1	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315
cobalt(II) 2-ethylhexanoate substance with national workplace exposure limit(s) (GB)	(CAS No) 136-52-7 (EC no) 205-250-6 (REACH-no) 01-2119524678-29-XXXX	< 0,1	Eye Irrit. 2, H319 Skin Sens. 1, H317 Repr. 2, H361f Aquatic Acute 1, H400 Aquatic Chronic 3, H412
2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime substance with national workplace exposure limit(s) (AT, IE)	(CAS No) 96-29-7 (EC no) 202-496-6 (EC index no) 616-014-00-0	< 0,1	Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351
2-ethyl hexanoic acid substance with national workplace exposure limit(s) (BE, ES, IE, IT, PT)	(CAS No) 149-57-5 (EC no) 205-743-6 (EC index no) 607-230-00-6	< 0,1	Repr. 2, H361d

Full text of R- and H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Repeated exposure may cause skin dryness or cracking.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	: May cause drowsiness or dizziness.
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
 Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.  
 Explosion hazard : May form flammable/explosive vapour-air mixture.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
 Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Avoid breathing fume, vapours.  
 Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if substance enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.  
 Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Do not breathe fume, vapours. Avoid breathing fume, Vapours.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof Flame proof, lighting, electrical equipment and ventilation equipment.  
 Storage conditions : Keep container tightly closed. Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat and ignition sources.  
 Incompatible products : Strong bases. Strong acids.  
 Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime (96-29-7)		
Austria	Local name	2-Butanonoxim
Austria	Remark (AT)	Sh
Ireland	Local name	Methyl ethyl ketoxime

2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime (96-29-7)		
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	3 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	33 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	10 ppm

silica, precipitated (112926-00-8)		
Belgium	Local name	Silices amorphes : précipités (gel de silice)
Belgium	Limit value (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Finland	Local name	Piidioksidi, saostettu
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
USA - OSHA	Local name	Silica, amorphous, precipitated and gel
USA - OSHA	Remark (OSHA)	(3) See Table Z-3.

polyethylenes (9002-88-4)		
Belgium	Limit value (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
France	VME (mg/m <sup>3</sup> )	Poussières réputées sans effet spécifique, 10 mg/m <sup>3</sup> ; France; Time-weighted average exposure limit 8 h; VRC: Valeur réglementaire contraignante; Poussières réputées sans effet spécifique, fraction; 5 mg/m <sup>3</sup> ; France; Time-weighted average exposure limit 8 h; VRC: Valeur réglementaire contraignante
Lithuania	Local name	Polietilenas
Lithuania	IPRV (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>

2-ethyl hexanoic acid (149-57-5)		
Belgium	Local name	Acide 2-éthylhexanoïque (vapeur et aérosol)
Belgium	Limit value (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Ireland	Local name	Ethyl hexanoic acid
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	4 mg/m <sup>3</sup>
Portugal	Local name	Ácido 2-etil-hexanóico
Portugal	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Spain	Local name	Acido 2-etilhexanoico
Spain	VLA-ED (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
USA - ACGIH	Local name	2-Ethylhexanoic acid
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
USA - ACGIH	Remark (ACGIH)	Teratogenic eff

cobalt(II) 2-ethylhexanoate (136-52-7)		
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	0,1 mg/m <sup>3</sup>

Naphtha (Petroleum), Hydrotreated Heavy, Low Boiling Point Hydrogen treated Naphtha, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9.)		
Poland	Local name	Benzyna do lakierów
Poland	NDS (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
Switzerland	Local name	Naphta* lourd (pétrole), hydro-traité
Switzerland	VME (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Switzerland	VME (ppm)	50 ppm
Switzerland	VLE (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Switzerland	VLE (ppm)	100 ppm
Switzerland	Remark (CH)	4x15*

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)		
EU	IOELV TWA (mg/m <sup>3</sup> )	1000 mg/m <sup>3</sup> 8h
Poland	Local name	Benzyna do lakierów
Poland	NDS (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
Switzerland	Local name	Naphta* lourde (pétrole), hydro-traité
Switzerland	VME (mg/m <sup>3</sup> )	300 mg/m <sup>3</sup>
Switzerland	VME (ppm)	50 ppm
Switzerland	VLE (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
Switzerland	VLE (ppm)	100 ppm
Switzerland	Remark (CH)	4x15*

xylene (1330-20-7.)		
EU	Local name	Xylene, mixed isomers, pure
EU	IOELV TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
Austria	Local name	Xylol (alle Isomeren)
Austria	MAK (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Austria	MAK (ppm)	50 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	100 ppm
Austria	Remark (AT)	H
Belgium	Local name	Xylène, isomères mixtes, purs
Belgium	Limit value (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	50 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	100 ppm
Belgium	Remark (BE)	D
Bulgaria	Local name	Ксилен (смес от изомери),чист*
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Croatia	Local name	Ksilen (svi izomeri)
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	50 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	100 ppm
Croatia	Naznake (HR)	K, EU* K, Xn
Czech Republic	Local name	Xylen technická směs s isomery (všechny isomery)
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (PEL) (ppm)	50 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m <sup>3</sup> )	400 mg/m <sup>3</sup>
Czech Republic	Expoziční limity (NPK-P) (ppm)	90 ppm
Czech Republic	Remark (CZ)	D
Denmark	Local name	Xylen, alle isomere (1996)
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	109 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	25 ppm
Denmark	Anmærkninger (DK)	EH
Estonia	Local name	Ksüleen (dimetüülbenseen)

xylene (1330-20-7.)		
Estonia	OEL TWA (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	50 ppm
Estonia	OEL STEL (mg/m <sup>3</sup> )	450 mg/m <sup>3</sup>
Estonia	OEL STEL (ppm)	100 ppm
Finland	Local name	Ksyleeni
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	220 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	50 ppm
Finland	HTP-arvo (15 min)	440 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	100 ppm
France	Local name	Xylène, isomères mixtes, purs
France	VME (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
France	VME (ppm)	50 ppm
France	VLE (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
France	VLE (ppm)	100 ppm
Germany	Local name	Xylol(allelsomeren)
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	440 mg/m <sup>3</sup>
Germany	TRGS 900 Occupational exposure limit value (ppm)	100 ppm
Germany	Remark (TRGS 900)	DFG,EU,H
Greece	OEL TWA (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	100 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	650 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	150 ppm
Hungary	Local name	XILOL(ok)
Hungary	AK-érték	221 mg/m <sup>3</sup>
Hungary	CK-érték	442 mg/m <sup>3</sup>
Hungary	Megjegyzések (HU)	b; EU1
Ireland	Local name	Xylene, mixed isomers
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	50 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	100 ppm
Ireland	Notes (IE)	Sk, IOELV
Italy	Local name	Xilene, isomeri misti, puro
Italy	OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Italy	OEL TWA (ppm)	50 ppm
Italy	OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Italy	OEL STEL (ppm)	100 ppm
Lithuania	Local name	Ksilenas
Lithuania	IPRV (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	50 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	450 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	100 ppm
Lithuania	Remark (LT)	O
Luxembourg	Local name	Xylène, isomères mixtes, purs
Luxembourg	OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Luxembourg	OEL TWA (ppm)	50 ppm
Luxembourg	OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>



xylene (1330-20-7.)		
Luxembourg	OEL STEL (ppm)	100 ppm
Malta	Local name	Xylene,mixed isomers,pure
Malta	OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	50 ppm
Malta	OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Malta	OEL STEL (ppm)	100 ppm
Netherlands	Local name	Xyleen, o-, m-, p-isomeren
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	210 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Netherlands	Remark (MAC)	H
Poland	Local name	Ksylen mieszanina izomerów: 1,2-; 1,3-; 1,4-
Poland	NDS (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
Portugal	Local name	Xileno (isómeros )
Portugal	OEL TWA (ppm)	100 ppm
Portugal	OEL STEL (ppm)	150 ppm
Romania	Local name	Xilen (izomeri)
Romania	OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	50 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	100 ppm
Slovenia	Local name	ksilen (mešane izomere)
Slovenia	OEL TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Slovenia	OEL TWA (ppm)	50 ppm
Slovenia	OEL STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Slovenia	OEL STEL (ppm)	100 ppm
Spain	Local name	Xilenos, mezcla isómeros
Spain	VLA-ED (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
Spain	VLA-ED (ppm)	50 ppm
Spain	VLA-EC (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
Spain	VLA-EC (ppm)	100 ppm
Spain	Notes	vía dérmica, VLB®,VLI
Sweden	Local name	Xylene
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	50 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	450 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	100 ppm
United Kingdom	Local name	Xylene, o-,m-,p- or mixed isomers
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	220 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	441 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	100 ppm
United Kingdom	Remark (WEL)	Sk, BMGV
Norway	Local name	Xylen (alle isomere)
Norway	Gjennomsnittsverdier (AN) (mg/m <sup>3</sup> )	108 mg/m <sup>3</sup>
Norway	Gjennomsnittsverdier (AN) (ppm)	25 ppm
Norway	Merknader (NO)	H
Switzerland	Local name	Xylène (tous les isomères)
Switzerland	VME (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
Switzerland	VME (ppm)	100 ppm
Switzerland	VLE (mg/m <sup>3</sup> )	870 mg/m <sup>3</sup>
Switzerland	VLE (ppm)	200 ppm

xylene (1330-20-7.)		
Switzerland	Remark (CH)	4x15
USA - ACGIH	Local name	Xylene
USA - ACGIH	ACGIH TWA (ppm)	100 ppm
USA - ACGIH	ACGIH STEL (ppm)	150 ppm
USA - ACGIH	Remark (ACGIH)	URT & eye irr; CNS impair
USA - OSHA	Local name	Xylenes (o-, m-, p-isomers)
USA - OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	435 mg/m <sup>3</sup>
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm

#### 8.2. Exposure controls

Appropriate engineering controls	: Provide adequate general and local exhaust ventilation.
Personal protective equipment	: Protective goggles. Gloves.
Hand protection	: Wear protective gloves
Eye protection	: Chemical goggles or safety glasses
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended



Other information : Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: light brown.
Odour	: Hydrocarbon.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 41 °C
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Flammable liquid and vapour
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0,85 g/cm <sup>3</sup>
Solubility	: Insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: 16 - 20 cSt 20°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

#### 2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime (96-29-7)

LD50 oral rat	> 930 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 2326 mg/kg bodyweight; Rat; Experimental value; >900 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	> 2000 mg/kg (Rat; Literature)
LD50 dermal rabbit	> 1000 mg/kg bodyweight (Rabbit; Experimental value; Equivalent or similar to OECD 402)
LC50 inhalation rat (mg/l)	20 mg/l/4h (Rat; Literature study)

#### silica, precipitated (112926-00-8)

LD50 oral rat	> 5000 mg/kg (Rat)
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#### polyethylenes (9002-88-4)

LD50 oral rat	> 2000 mg/kg (Rat)
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#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

LD50 oral rat	> 15000 mg/kg
LD50 dermal rabbit	> 3160 mg/kg

#### 2-ethyl hexanoic acid (149-57-5)

LD50 oral rat	2043 mg/kg bodyweight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)

#### cobalt(II) 2-ethylhexanoate (136-52-7)

LD50 oral rat	3129 mg/kg bodyweight (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Weight of evidence; OECD 402: Acute Dermal Toxicity)

#### xylene (1330-20-7.)

LD50 oral rat	4300 mg/kg AMA Archives of Industrial Health. Vol. 14, Pg. 387, 1956.
LD50 dermal rat	> 1700 mg/kg Raw Material Data Handbook, Vol.1: Organic Solvents, 1974. Vol. 1, Pg. 123, 1974.
LC50 inhalation rat (mg/l)	21,7 mg/l/4h Raw Material Data Handbook, Vol.1: Organic Solvents, 1974. Vol. 1, Pg. 123, 1974.

Skin corrosion/irritation	: Not classified Repeated exposure may cause skin dryness or cracking
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified Based on available data, the classification criteria are not met

Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: May be fatal if swallowed and enters airways.

### Scandinavian Oil

Viscosity, kinematic	16 - 20 mm <sup>2</sup> /s 20°C
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Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
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## SECTION 12: Ecological information

### 12.1. Toxicity

#### 2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime (96-29-7)

LC50 fish 1	48 mg/l (96 h; Lepomis macrochirus; GLP)
EC50 Daphnia 1	> 500 mg/l (48 h; Daphnia magna; GLP)
LC50 fish 2	693 mg/l (96 h; Oncorhynchus mykiss)
EC50 Daphnia 2	750 mg/l (48 h; Daphnia magna)
Threshold limit algae 1	83 mg/l (72 h; Scenedesmus subspicatus)
Threshold limit algae 2	11,8 mg/l (72 h; Scenedesmus sp.; GLP)

#### 2-ethyl hexanoic acid (149-57-5)

LC50 fish 1	180 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Nominal concentration)
EC50 Daphnia 1	85,4 mg/l (48 h; Daphnia magna; Nominal concentration)
Threshold limit algae 1	61 mg/l (72 h; Scenedesmus subspicatus)
Threshold limit algae 2	49,3 mg/l (72 h; Desmodesmus subspicatus; Growth rate)

#### cobalt(II) 2-ethylhexanoate (136-52-7)

LC50 fish 1	54,1 mg/l (96 h; Pimephales promelas)
EC50 Daphnia 1	2618 µg/l (48 h)
Threshold limit algae 1	24,1 µg/l (7 days)
Threshold limit algae 2	90,1 µg/l (7 days; Lemna minor; Growth rate)

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)

LC50 fish 1	> 1000 mg/l (Pisces)
EC50 Daphnia 1	> 1000 mg/l (Daphnia magna)
LC50 fish 2	> 100 mg/l (Pisces)
EC50 Daphnia 2	> 100 mg/l (Crustacea)
Threshold limit algae 1	> 1000 mg/l (Algae)
Threshold limit algae 2	> 100 mg/l (Algae)

#### xylene (1330-20-7.)

LC50 fish 1	15,7 (3,3 - 780) mg/l (96hours); Bailey, H.C., D.H.W. Liu, and H.A. Javitz 1985. Time/Toxicity Relationships in Short-Term Static, Dynamic, and Plug-Flow Bioassays. In: R.C.Bahner and D.J.Hansen (Eds.), Aquatic Toxicology and Hazard Assessment, 8th Symposium, ASTM STP 891, Philadelphia, PA :193-212
LC50 other aquatic organisms 1	8,5 mg/l (48hours); Crustaceans; Tatem, H.E., B.A. Cox, and J.W. Anderson 1978. The Toxicity of Oils and Petroleum Hydrocarbons to Estuarine Crustaceans. Estuar.Coast.Mar.Sci. 6(4):365-373; Tatem, H.E. 1975. The Toxicity and Physiological Effects of Oil and Petroleum Hydrocarbons on Estuarine Grass Shrimp Palaemonetes pugio (Holthuis). Ph.D.Thesis, Texas A&M University, College Station, TX :133 p.

### 12.2. Persistence and degradability

Scandinavian Oil	
Persistence and degradability	Not established.
2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime (96-29-7)	
Persistence and degradability	Inherently biodegradable. No (test)data available on mobility of the substance.
silica, precipitated (112926-00-8)	
Persistence and degradability	Biodegradability: Not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
polyethylenes (9002-88-4)	
Persistence and degradability	Not readily biodegradable in water. Not degradable in the soil.
2-ethyl hexanoic acid (149-57-5)	
Persistence and degradability	Readily biodegradable in water. Inherently biodegradable. Biodegradable in soil. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	1,2 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	2,113 - 2,24 g O <sub>2</sub> /g substance
cobalt(II) 2-ethylhexanoate (136-52-7)	
Persistence and degradability	Biodegradability in water: no data available.
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)	
Persistence and degradability	Readily biodegradable in water. Biodegradability in soil: no data available. Adsorbs into the soil. Low potential for Mobility in soil. Photooxidation in the air.

### 12.3. Bioaccumulative potential

Scandinavian Oil	
Bioaccumulative potential	Not established.
2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime (96-29-7)	
BCF fish 1	0.5-5.8,42 days; Cyprinus carpio; GLP
BCF fish 2	0.5-5.8,Oryzias latipes; Test duration: 6 weeks
Log Pow	0,63 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Low bioaccumulation potential (BCF < 500).
silica, precipitated (112926-00-8)	
Bioaccumulative potential	Bioaccumulation: No data available.
polyethylenes (9002-88-4)	
Bioaccumulative potential	Bioaccumulation: No data available.
2-ethyl hexanoic acid (149-57-5)	
Log Pow	2,64 (Experimental value; 2.7; Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 25 °C)
Bioaccumulative potential	Low bioaccumulation potential (Log Kow < 4).
cobalt(II) 2-ethylhexanoate (136-52-7)	
Bioaccumulative potential	Bioaccumulation: No data available.
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)	
Bioaccumulative potential	bioaccumulable.

### 12.4. Mobility in soil

2-ethyl hexanoic acid (149-57-5)	
Surface tension	0,0286 N/m (20 °C; 0.0274 N/m; 40 °C)
cobalt(II) 2-ethylhexanoate (136-52-7)	
Surface tension	0,064 N/m (20 °C; 1 g/l)

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) (64742-48-9.)

Surface tension : 0,026 N/m (20 °C)

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

Additional information : Avoid release to the environment

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a licensed waste centre in accordance with local/regional/national/international regulations.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

European List of Waste (LoW) code : 03 02 05\* - other wood preservatives containing dangerous substances

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No. (ADR) : 1263  
UN-No. (IMDG) : 1263  
UN-No. (IATA) : 1263  
UN-No. (ADN) : 1263  
UN-No. (RID) : 1263

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : PAINT RELATED MATERIAL  
Proper Shipping Name (IMDG) : PAINT RELATED MATERIAL  
Proper Shipping Name (IATA) : Paint related material  
Proper Shipping Name (ADN) : PAINT RELATED MATERIAL  
Proper Shipping Name (RID) : PAINT RELATED MATERIAL  
Transport document description (ADR) : UN 1263 PAINT RELATED MATERIAL (CONTAINS ; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics ; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene)(64742-48-9.)), 3, III, (D/E)  
Transport document description (IMDG) : UN 1263 PAINT RELATED MATERIAL, 3, III

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : 3  
Danger labels (ADR) : 3



##### IMDG

Transport hazard class(es) (IMDG) : 3  
Danger labels (IMDG) : 3



### IATA

Transport hazard class(es) (IATA) : 3  
Hazard labels (IATA) : 3



### ADN

Transport hazard class(es) (ADN) : 3  
Danger labels (ADN) : 3



### RID

Transport hazard class(es) (RID) : 3  
Danger labels (RID) : 3



### 14.4. Packing group

Packing group (ADR) : III  
Packing group (IMDG) : III  
Packing group (IATA) : III  
Packing group (ADN) : III  
Packing group (RID) : III

### 14.5. Environmental hazards

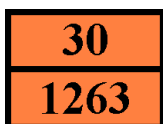
Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Classification code (ADR) : F1  
Special provisions (ADR) : 163, 640E, 650  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Packing instructions (ADR) : P001, IBC03, LP01, R001  
Special packing provisions (ADR) : PP1  
Mixed packing provisions (ADR) : MP19  
Portable tank and bulk container instructions (ADR) : T2  
Portable tank and bulk container special provisions (ADR) : TP1, TP29  
Tank code (ADR) : LGBF  
Vehicle for tank carriage : FL  
Transport category (ADR) : 3

Special provisions for carriage - Packages (ADR) : V12  
Special provisions for carriage - Operation (ADR) : S2  
Hazard identification number (Kemler No.) : 30  
Orange plates :



Tunnel restriction code (ADR) : D/E  
EAC code : •3YE

### 14.6.2. Transport by sea

Special provisions (IMDG) : 163, 223, 955  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : P001, LP01  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T2  
Tank special provisions (IMDG) : TP1, TP29  
EmS-No. (Fire) : F-E  
EmS-No. (Spillage) : S-E  
Stowage category (IMDG) : A

### 14.6.3. Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y344  
PCA limited quantity max net quantity (IATA) : 10L  
PCA packing instructions (IATA) : 355  
PCA max net quantity (IATA) : 60L  
CAO packing instructions (IATA) : 366  
CAO max net quantity (IATA) : 220L  
Special provisions (IATA) : A3, A72  
ERG code (IATA) : 3L

### 14.6.4. Inland waterway transport

Classification code (ADN) : F1  
Special provisions (ADN) : 163, 64E, 65  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Equipment required (ADN) : PP, EX, A  
Ventilation (ADN) : VE01  
Number of blue cones/lights (ADN) : 0  
Carriage prohibited (ADN) : No  
Not subject to ADN : No

### 14.6.5. Rail transport

Classification code (RID) : F1  
Special provisions (RID) : 163, 640E, 650  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T2



Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE4
Hazard identification number (RID)	: 30
Carriage prohibited (RID)	: No

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Danish Oil - 2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics - 2-ethyl hexanoic acid - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) - Naphtha (Petroleum), Hydrotreated Heavy, Low Boiling Point Hydrogen treated Naphtha, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics - xylene
3.a. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Danish Oil - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) - xylene
3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Danish Oil - 2-butanone oxime, ethyl methyl ketoxime, ethyl methyl ketone oxime - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics - cobalt(II) 2-ethylhexanoate - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) - Naphtha (Petroleum), Hydrotreated Heavy, Low Boiling Point Hydrogen treated Naphtha, Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics - xylene
3.c. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	cobalt(II) 2-ethylhexanoate
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Danish Oil - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics - Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (contains less than 0,01 % w/w benzene) - xylene

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK)	: 3 - severe hazard to waters
WGK remark	: Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
Storage class (LGK)	: LGK 3 - Flammable liquids
VbF class	: A II - Liquids with a flashpoint between 21°C and 55°C

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of R-, H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361d	Suspected of damaging the unborn child
H361f	Suspected of damaging fertility
H400	Very toxic to aquatic life
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R20/21	Harmful by inhalation and in contact with skin
R21	Harmful in contact with skin
R36	Irritating to eyes
R38	Irritating to skin
R40	Limited evidence of a carcinogenic effect
R41	Risk of serious damage to eyes
R43	May cause sensitisation by skin contact
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R62	Possible risk of impaired fertility
R63	Possible risk of harm to the unborn child
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful



**Danish Oil**  
Safety Data Sheet  
according to Regulation (EC) No. 453/2010

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SDS EU\_NSC

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*