

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 22-8-2014 Revision date: 1-8-2019 Supersedes: 3-10-2018 Version: 2.5

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

1.1. Product identifier

Product form : Mixture Product name : Eurol ATF 7300 Product code : E113648 Product group : Trade product

# 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 : industrial use,professional use,consumer use

Use of the substance/mixture : Lubricant

Function or use category : Lubricants and additives

#### 1.2.2. Uses advised against

No additional information available

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

Eurol bv. Energiestraat 12 P.O. Box P.O. Box 135 7442 DA Nijverdal - The Netherlands

T +31 548 615165

r.hilgers@eurol.com - www.eurol.com

# 1.4. Emergency telephone number

Emergency number : +31 548 615165

(Monday to Friday: 8:00 - 17:00)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	

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### **SECTION 2: Hazards identification**

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

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II)

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : 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]

CLP Signal word

: H412 - Harmful to aquatic life with long lasting effects. Hazard statements (CLP)

Precautionary statements (CLP) : P102 - Keep out of reach of children.

P273 - Avoid release to the environment.

P501 - Dispose of contents/container to a hazardous or special waste collection point.

**EUH-statements** : EUH208 - Contains 4,4'-thiodiethylene hydrogen-2-octadecenylsuccinate. May produce an

allergic reaction.

Child-resistant fastening : Not applicable : Not applicable Tactile warning

2.3. Other hazards

Other hazards not contributing to the classification

: This product floats on water and may affect the oxygen-balance in the water. The base oil contains less than 3% DMSO-extract measured according IP 346, therefore it is NOT

classified as T/R45: May cause cancer" (Note L).".

# **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

# 3.2. Mixtures

J.2. Milktures				
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Distillates (petroleum), hydrotreated heavy paraffinic	(CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (EC Index-No.) 649-467-00-8 (REACH-no) 01-2119484627-25	>= 50	Asp. Tox. 1, H304	
Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based	(CAS-No.) 72623-87-1 (EC-No.) 276-738-4 (REACH-no) 01-2119474889-13	25 - 35	Asp. Tox. 1, H304	
Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters	(CAS-No.) 125643-61-0 (EC-No.) 406-040-9 (REACH-no) 01-0000015551-76, 01- 2119878226-29	1 - 3	Aquatic Chronic 4, H413	
Bis(nonylfenyl)amine	(CAS-No.) 36878-20-3 (EC-No.) 253-249-4 (REACH-no) 01-2119488911-28	1 - 3	Aquatic Chronic 4, H413	
Reaction product of alkylthioalcohol and substituted phosphorus compound	(EC-No.) 424-820-7	0,1 - 1	Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410	
4,4'-thiodiethylene hydrogen-2-octadecenylsuccinate	(CAS-No.) 93882-40-7 (EC-No.) 299-434-3	0,1 - 1	Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	
Naphthalene substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (IE, MT)	(CAS-No.) 91-20-3 (EC-No.) 202-049-5 (EC Index-No.) 601-052-00-2 (REACH-no) 01-2119561346-37	< 0,1	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	

Full text of H-statements: see section 16

# **SECTION 4: First aid measures**

4.1. Description of first aid measures

: Seek medical attention if ill effect develops. First-aid measures general

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First-aid measures after inhalation : Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. High-pressure injection under skin may cause serious

damage. Seek medical attention if ill effect or irritation develops. First-aid measures after eye contact

: Remove contact lenses, if present and easy to do. Continue rinsing. Ensure adequate flushing of eyes by separating eyelids with the fingers. Obtain medical attention if pain,

blinking, tears or redness persist.

First-aid measures after ingestion : Consult a doctor/medical service if you feel unwell. If vomiting occurs spontaneously, keep

head below the hips to prevent aspiration. Do not induce vomiting.

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

Symptoms/effects after inhalation : At normal ambient temperatures this product will be unlikely to present an inhalation

hazard because of its low volatility. May be harmful by inhalation if exposure to vapour,

mists or fumes resulting from thermal decomposition products occurs.

Symptoms/effects after skin contact : Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated

exposure may lead to dermatitis. High pressure injection of product into the skin may lead

to local necrosis if the product is not surgically removed.

Symptoms/effects after eye contact : Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.

Symptoms/effects after ingestion : Bad taste. Unlikely to cause harm if accidentally swallowed in small doses, though larger

quantities may cause nausea and diarrhoea.

Symptoms/effects upon intravenous administration : Unknown.

# 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 : Carbon dioxide (CO2), dry chemical powder, foam. Water fog.

Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

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

Fire hazard : Combustion generates: CO, CO2, POx, NOx, SOx, H2S.

: Not expected to be a fire/explosion hazard under normal conditions of use. Explosion hazard

#### 5.3. Advice for firefighters

Precautionary measures fire : Do not enter fire area without proper protective equipment, including respiratory protection.

: Use water spray or fog for cooling exposed containers. Firefighting instructions

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

Other information : Prevent fire fighting water from entering the environment. Sweep up and remove to a

suitable, clearly marked container for disposal in accordance with local regulations.

# **SECTION 6: Accidental release measures**

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

General measures : Spill area may be slippery. Prevent soil and water pollution. Prevent entry to sewers and

public waters.

#### 6.1.1. For non-emergency personnel

Protective equipment : When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk

of splashing) then chemical resistant aprons and/or impervious chemical suits and boots

will be required. Use protective clothing.

**Emergency procedures** : Consider evacuation.

# 6.1.2. For emergency responders

: When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk Protective equipment

of splashing) then chemical resistant aprons and/or impervious chemical suits and boots

will be required.

**Emergency procedures** : No specific measures are necessary.

#### 6.2. Environmental precautions

Dike for recovery or absorb with appropriate material. Notify authorities if product enters sewers or public waters. Prevent soil and water pollution. Prevent liquid from entering sewers, watercourses, underground or low areas. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams

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

For containment : Large quantities: Contain large spillage with sand or earth.

Methods for cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders,

sawdust). Take up large spills with pump or vacuum and finish with dry chemical

absorbent.

Other information : Use suitable disposal containers. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations. On water, recover/skim from

surface and pour out in disposal container.

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#### 6.4. Reference to other sections

For further information refer to section 13.

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Additional hazards when processed

Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

Precautions for safe handling

: Avoid prolonged and repeated contact with skin. May be dangerously slippery if spilled. Where contact with eyes or skin is likely, wear suitable protection. Do not eat, drink or

smoke during use. Remove contaminated clothing and shoes

Hygiene measures

Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems. Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Where contact with eyes or skin is likely, wear suitable protection. Wash contaminated clothing before reuse.

# 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep container tightly closed and in well ventilated place.

Storage conditions : Store in original container.

Incompatible products : Reacts vigorously with strong oxidizers and acids.

Maximum storage period : 5 year Storage temperature :  $\leq$  40 °C

Information on mixed storage : Keep away from : oxidizing materials. strong acids.

Storage area : Store at ambient temperature.

Special rules on packaging : Keep container tightly closed and dry.

**7.3. Specific end use(s)**No additional information available

# **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

Naphthalene (91-20-3)		
EU	IOELV TWA (ppm)	10 ppm
Ireland	Local name	Naphthalene
Ireland	OEL (8 hours ref) (mg/m³)	50 mg/m³
Ireland	OEL (8 hours ref) (ppm)	10 ppm
Ireland	OEL (15 min ref) (mg/m3)	75 mg/m³
Ireland	OEL (15 min ref) (ppm)	15 ppm
Ireland	Notes (IE)	IOELV
Malta	Local name	Naphtalene
Malta	OEL TWA (mg/m³)	50 mg/m³
Malta	OEL TWA (ppm)	10 ppm

Exposure-value for oil mist : 10 mg/m3 (15 min.) or 5 mg/m3 (8 hours).

# 8.2. Exposure controls

# Appropriate engineering controls:

Large quantities: Contain large spillage with sand or earth.

#### Personal protective equipment:

Gloves. In case of splash hazard: safety glasses. Eye protection should only be necessary where liquid could be splashed or sprayed.

# Materials for protective clothing:

PVC gloves. Neoprene or nitrile rubber gloves

#### Hand protection:

In case of repeated or prolonged contact wear gloves. The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream). The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

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#### Eye protection:

Eye protection should only be necessary where liquid could be splashed or sprayed

#### Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use. Avoid repeated or prolonged skin contact. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn. Equipment should conform to EN 166.

#### Respiratory protection:

Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Respiratory protective equipment must be checked to ensure it fits correctly each time it is worn. Provided an air-filtering/air-purifying respirator is suitable, a filter for particulates can be used for mist or fume. Use filter type P or comparable standard. A combination filter for particles and organic gases and vapours (boiling point >65°C) may be required if vapour or abnormal odour is also present due to high product temperature. Use filter type AP or comparable standard.

#### Personal protective equipment symbol(s):





#### **Environmental exposure controls:**

See Heading 12. See Heading 6.

#### Consumer exposure controls:

PVC gloves. Neoprene or nitrile rubber gloves.

#### Other information:

Do not put the product-soaked rags into the pockets of working clothes. Do not use cloths stained with the product to dry hands. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke during use. Wash contaminated clothing before reuse.

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state: liquidAppearance: Oily. liquid.Colour: Blue.

Odour : characteristic.

Odour threshold : no data available
pH : no data available

Relative evaporation rate (butylacetate=1) : < 0,1
Melting point : -48 °C

Freezing point : no data available Boiling point : > 280 °C Flash point : 188 °C Auto-ignition temperature : > 240 °C

Decomposition temperature : no data available
Flammability (solid, gas) : no data available
Vapour Pressure 20°C : < 0,1 hPa
Relative vapour density at 20 °C : > 1 (air=1)
Relative density : no data available
Density : 0,83 - 0,84 kg/l
Solubility : insoluble in water.

Log Pow : > 3

Viscosity, kinematic : 20,5 - 75 mm²/s
Viscosity, dynamic : no data available
Explosive properties : no data available
Oxidising properties : no data available
Explosive limits : 0,6 - 7 vol %

# 9.2. Other information

VOC content : 0 %

Other properties : Gas/vapour heavier than air at 20'C.

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# **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Stable under normal conditions of use.

#### 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

# 10.4. Conditions to avoid

Moisture. Overheating.

#### 10.5. Incompatible materials

Strong oxidizing agents. strong acids.

# 10.6. Hazardous decomposition products

No additional information available

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

# Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters (125643-61-0) LD50 oral rat > 2000 mg/kg (OECD 401 method) LD50 dermal rat > 2000 ml/kg (OECD 402 method)

# 4,4'-thiodiethylene hydrogen-2-octadecenylsuccinate (93882-40-7) LD50 oral rat > 10000 mg/kg

Naphthalene (91-20-3)	
LD50 oral rat	2600 mg/kg
LD50 dermal rat	> 2500 ml/kg

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 inhalation rat (mg/l) > 5,53 mg/l	

Bis(nonylfenyl)amine (36878-20-3)		
LD50 oral rat	> 5000 mg/kg (OECD 401 method)	
LD50 dermal rat	> 2000 ml/kg (OECD 402 method)	

Reaction product of alkylthioalcohol and substituted phosphorus compound			
LD50 oral rat	> 2000 mg/kg		
LD50 dermal rat	> 500 ml/kg		
Skin corrosion/irritation	: Not classified		
Serious eye damage/irritation	: Not classified		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified		
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		
STOT-single exposure	: Not classified		
STOT-repeated exposure	: Not classified		
Aspiration hazard	: Not classified		

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Eurol ATF 7300		
Viscosity, kinematic	20,5 - 75 mm²/s	
	Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products. Likely route of exposure: ingestion, skin and eye.	

SECTION 12: Ecolog	ical information
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: Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar Ecology - general

Ecology - water : This product floats on water and may affect the oxygen-balance in the water.

: Not classified Acute aquatic toxicity

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters (125643-61-0)		
LC50 fish 1 > 74 mg/l Brachydanio rerio (zebra-fish)		
EC50 Daphnia 1 > 100 mg/l EC50 24h - Daphnia magna [mg/l]		
EC50 72h algae (1) > 3 mg/l Desmodesmus subspicatus		
ErC50 (algae) > 3 mg/l 72h; Desmodesmus subsicatus		

4,4'-thiodiethylene hydrogen-2-octadecenylsuccinate (93882-40-7)		
LC50 fish 1 > 1000 mg/l Cyprinodon variegatus		
LC50 fish 2	> 100 Oryzias latipes	
EC50 Daphnia 1	9,5 mg/l EC50 48h - Daphnia magna [mg/l]	
EC50 72h algae (1) > 100 mg/l Pseudokirchneriella subcapitata		

Naphthalene (91-20-3)	
LC50 fish 1	0,51 mg/l
EC50 Daphnia 1	3,4 mg/l

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LC50 fish 1	100 mg/l
EC50 Daphnia 1	10000 mg/l

Bis(nonylfenyl)amine (36878-20-3)	
LC50 fish 1	> 100 mg/l 96h; Brachydanio rerio (zebra-fish)
EC50 Daphnia 1	> 100 mg/l EC50 48h - Daphnia magna [mg/l]
EC50 72h algae (1)	600 mg/l
ErC50 (algae)	> 100 mg/l 72h; Desmodesmus subspicauts

Reaction product of alkylthioalcohol and substituted phosphorus compound			
LC50 fish 1 1,5 mg/l Oncorhynchus mykiss (Rainbow trout)			
EC50 Daphnia 1 0,09 mg/l			
ErC50 (algae) 0,31 mg/l			
12.2. Persistence and degradability			
Eurol ATF 7300			
Persistence and degradability	Not readily biodegradable.		

4,4'-thiodiethylene hydrogen-2-octadecenylsuccinate (93882-40-7)	
Biodegradation	11 - 14 %

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Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
Biodegradation	31 %

Bis(nonylfenyl)amine (36878-20-3)		
Biodegradation 0 % Sturm - 28 days		
12.3. Bioaccumulative potential		
Eurol ATF 7300		
Log Pow	> 3	
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.	

Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters (125643-61-0)		
Bioconcentration factor (BCF REACH) 260 (OECD 305 method)		
Log Pow	9,2	

Bis(nonylfenyl)amine (36878-20-3)	
Bioconcentration factor (BCF REACH)	1584,89
12.4. Mobility in soil	
Eurol ATF 7300	
Ecology - soil	Not miscible with water. Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance in the water.

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

No additional information available

#### 12.6. Other adverse effects

No additional information available

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not discharge

into drains or the environment.

Additional information : Hazardous waste.

Ecology - waste materials : Every mixture with foreign substances such as solvents, brake- and cooling liquids is forbidden. Empty containers retain product residue (solid, liquid, and/or vapor) and can be

dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly. When not empty dispose of this container at hazardous or special waste collection point.

European List of Waste (LoW) code : 13 02 05\* - mineral-based non-chlorinated engine, gear and lubricating oils

#### **SECTION 14: Transport information**

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

ADR	IMDG	IATA	ADN	RID	
14.1. UN number					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.2. UN proper shippin	14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport hazard o	14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing group					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	

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14.5. Environmental ha	zards			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment: No
No supplementary information	on available			

#### No supplementary information available

# 14.6. Special precautions for user

#### **Overland transport**

no data available

#### Transport by sea

no data available

#### Air transport

no data available

#### Inland waterway transport

no data available

#### Rail transport

no data available

# 14.7. Transport in bulk according to Annex II of Marpol 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

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

VOC content : 0 %

Directive 2012/18/EU (SEVESO III)

#### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

# **SECTION 16: Other information**

Full text of H- and EUH-statements:		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4	
Asp. Tox. 1	Aspiration hazard, Category 1	
Carc. 2	Carcinogenicity, Category 2	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Skin Corr. 1B	Skin corrosion/irritation, Category 1B	
Skin Sens. 1	Skin sensitisation, Category 1	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H312	Harmful in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H317	May cause an allergic skin reaction.	

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H319	Causes serious eye irritation.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
EUH208	Contains 4,4'-thiodiethylene hydrogen-2-octadecenylsuccinate. May produce an allergic reaction.

# SDS EU (REACH Annex II)

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.