



# SLS EPLCB Grease, NLGI (2,1,0,00)

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 10/5/2021 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Name : SLS EPLCB Grease, NLGI (2,1,0,00)

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

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Lubricant

##### 1.2.2. Uses advised against

Restrictions on use : No data available

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

Loadmaster Lubricants, LLC  
13615 Fenway Blvd. Ct. N  
55038 Hugo, MN  
T 651-656-2225 - F 651-653-3402

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC (24hrs): 1-800-424-9300

### SECTION 2: Hazards identification

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

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

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

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

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

No data available

#### 2.2. Label elements

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

Signal word (CLP) : -  
Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P273 - Avoid release to the environment.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
EUH-statements : EUH208 - Contains 5,5'-thiobis(2-mercapto-1,3,4-thiadiazole)(7340-97-8), Pentene, 2,4,4-trimethyl-, sulfurized(68515-88-8), 2,5-bis(octyldithio)-1,3,4-thiadiazole(13539-13-4). May produce an allergic reaction.  
Unknown hazards to the aquatic environment (CLP) : Contains 1.19 % of components with unknown hazards to the aquatic environment

#### 2.3. Other hazards

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Lithium carboxylate complex soap	CAS-No.: 38900-29-7 EC-No.: 254-184-4	10 - 15	Acute Tox. 4 (Oral), H302
Calcium carbonate substance with national workplace exposure limit(s) (FR, HU, LV, PL, GB)	CAS-No.: 471-34-1 EC-No.: 207-439-9	1 - 5	Not classified
Pentene, 2,4,4-trimethyl-, sulfurized	CAS-No.: 68515-88-8 EC-No.: 271-114-8	0.1 - 0.5	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
Asphalt substance with national workplace exposure limit(s) (BE, IE, PL, PT, SI, ES, GB)	CAS-No.: 8052-42-4 EC-No.: 232-490-9	0.25 – 0.45	Not classified
2,5-bis(octyldithio)-1,3,4-thiadiazole	CAS-No.: 13539-13-4 EC-No.: 236-912-2	0.1 - 0.5	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
5,5'-thiobis(2-mercapto-1,3,4-thiadiazole)	CAS-No.: 7340-97-8 EC-No.: 452-150-5	0.02 - 0.2	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Magnesium carbonate substance with national workplace exposure limit(s) (BE, FR, IE, LT, GB)	CAS-No.: 546-93-0 EC-No.: 208-915-9	≤ 0.015	Not classified

Full text of H- and EUH-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	: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
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. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after skin contact : May cause an allergic skin reaction.

### 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.

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

Fire hazard : Burning produces irritating, toxic and noxious fumes.

### 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 the environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

## SECTION 6: Accidental release measures

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

General measures : Avoid all eye and skin contact and do not breathe vapour and mist.

#### 6.1.1. For non-emergency personnel

Protective equipment : Refer to section 8.2.  
Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Refer to section 8.2.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.  
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. Collect spillage. Minimise generation of dust. 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

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.  
Hygiene measures : Do not eat, drink or smoke when using this product.

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

Storage conditions : Keep only in the original container. Keep container closed when not in use.  
Incompatible products : Strong bases. Strong acids. Strong oxidizers.  
Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No data available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

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<b>Magnesium carbonate (546-93-0)</b>	
<b>Belgium - Occupational Exposure Limits</b>	
Limit value [mg/m <sup>3</sup> ]	10 mg/m <sup>3</sup>
<b>France - Occupational Exposure Limits</b>	
Local name	Magnésium (Carbonate de) (Magnésite)
VME [mg/m <sup>3</sup> ]	10 mg/m <sup>3</sup>
Note (FR)	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)
<b>Ireland - Occupational Exposure Limits</b>	
OEL (8 hours ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> total inhalable dust 4 mg/m <sup>3</sup> respirable dust
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> inhalable aerosol 4 mg/m <sup>3</sup> respirable aerosol
<b>Switzerland - Occupational Exposure Limits</b>	
VME [mg/m <sup>3</sup> ]	3 mg/m <sup>3</sup>
Remark	(respirable aerosol)
<b>Calcium carbonate (471-34-1)</b>	
<b>France - Occupational Exposure Limits</b>	
Local name	Calcium (carbonate de) (Calcite) (Marbre)
VME [mg/m <sup>3</sup> ]	10 mg/m <sup>3</sup>
Note (FR)	inhalable aerosol
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)
<b>Hungary - Occupational Exposure Limits</b>	
AK-érték	10 mg/m <sup>3</sup>
<b>Latvia - Occupational Exposure Limits</b>	
Local name	Kalcija karbonāts
OEL TWA	6 mg/m <sup>3</sup>
Regulatory reference	Ministru kabineta 2007. gada 15. maija noteikumiem Nr. 325 (Grozījumi Ministru kabineta 2011. gada 1. februārī noteikumiem Nr. 92)
<b>Poland - Occupational Exposure Limits</b>	
Local name	Węglan wapnia
NDS (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Remark	Frakcja wdychalna – frakcja aerozolu wnika przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia.
Regulatory reference	Dz. U. 2018 poz. 1286
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> inhalable aerosol 4 mg/m <sup>3</sup> respirable aerosol

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<b>Calcium carbonate (471-34-1)</b>	
<b>Switzerland - Occupational Exposure Limits</b>	
VME [mg/m <sup>3</sup> ]	3 mg/m <sup>3</sup>
Remark	(respirable aerosol)
<b>Asphalt (8052-42-4)</b>	
<b>Belgium - Occupational Exposure Limits</b>	
Limit value [mg/m <sup>3</sup> ]	5 mg/m <sup>3</sup>
Remark (BE)	(bitumes de) (fumées)
<b>Ireland - Occupational Exposure Limits</b>	
OEL (8 hours ref) (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup>
OEL (15 min ref) (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>Poland - Occupational Exposure Limits</b>	
Local name	Asfalt naftowy
NDS (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> frakcja wdychalna
NDSCh (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> frakcja wdychalna
Remark	Frakcja wdychalna – frakcja aerozolu wnikaćca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia.
Regulatory reference	Dz. U. 2018 poz. 1286
<b>Portugal - Occupational Exposure Limits</b>	
Local name	Asfalto (betuminoso), fumos (aerossóis solúveis em benzeno)
OEL TWA (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup> I (Fração inalável)
Remark	A4 (Agente não classificável como carcinogénico no Homem); IBEP (Índice biológico de exposição)
Regulatory reference	Norma Portuguesa NP 1796:2014
<b>Slovenia - Occupational Exposure Limits</b>	
Local name	bitumen – pare in aerosoli pri toplotni obdelavi
OEL TWA [ppm]	10 ppm
<b>Spain - Occupational Exposure Limits</b>	
Local name	Asfalto (petróleo)
VLA-ED (mg/m <sup>3</sup> )	0.5 mg/m <sup>3</sup> humos, aerosoles solubles en benceno
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2021. INSHT
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
WEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
<b>Norway - Occupational Exposure Limits</b>	
Local name	Asfalt (røyk)
Grønseverdier (AN) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Regulatory reference	FOR-2021-06-28-2248
<b>Switzerland - Occupational Exposure Limits</b>	
VME [mg/m <sup>3</sup> ]	10 mg/m <sup>3</sup>

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### 8.1.2. Recommended monitoring procedures

No data available

### 8.1.3. Air contaminants formed

No data available

### 8.1.4. DNEL and PNEC

No data available

### 8.1.5. Control banding

No data available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Avoid splashing. Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### 8.2.2.1. Eye and face protection

##### Eye protection:

In case of splashing or aerosol production: protective goggles. EN 166

#### 8.2.2.2. Skin protection

##### Hand protection:

Use rubber gloves. EN 374

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

None under normal use

#### 8.2.2.4. Thermal hazards

No data available

### 8.2.3. Environmental exposure controls

#### 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
Colour	: Blue. Green.
Appearance	: Paste. Clear.
Odour	: mild. petroleum.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: > 371 °C
Flammability	: Non flammable.
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: > 204 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 7 – 7.2
Viscosity, kinematic	: > 20.5 mm <sup>2</sup> /s
Solubility	: Water: < 5 %

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Log Kow	: Not available
Vapour pressure	: < 1 mm Hg @ 20 °C
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: 0.9174
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No data available

#### 9.2.2. Other safety characteristics

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

### 10.6. Hazardous decomposition products

hydrocarbons. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

#### Lithium carboxylate complex soap (38900-29-7)

LD50 Dermal rat	> 2000 mg/kg
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#### 5,5'-thiobis(2-mercapto-1,3,4-thiadiazole) (7340-97-8)

LD50 Oral rat	> 2500 mg/kg
LD50 Dermal rat	> 2000 mg/kg

#### Pentene, 2,4,4-trimethyl-, sulfurized (68515-88-8)

LD50 Oral rat	3641 mg/kg
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### Pentene, 2,4,4-trimethyl-, sulfurized (68515-88-8)

LD50 Dermal rabbit > 2000 mg/kg

### Magnesium carbonate (546-93-0)

LD50 Oral rat > 2000 mg/kg

### Calcium carbonate (471-34-1)

LD50 Oral rat > 2000 mg/kg

LD50 Dermal rat > 2000 mg/kg

LC50 Inhalation rat > 3 mg/l/4h

### Asphalt (8052-42-4)

LD50 Oral rat > 5000 mg/kg

LD50 Dermal rabbit > 2000 mg/kg

LC50 Inhalation rat > 94.4 mg/m<sup>3</sup> fume

Unknown acute toxicity (CLP: Classification, Labelling, Packaging.) - SDS : 0.44% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
0.44% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
0.44% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 7 – 7.2

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
pH: 7 – 7.2

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)

### Asphalt (8052-42-4)

IARC group 2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

### SLS EPLCB Grease, NLGI (2,1,0,00)

Viscosity, kinematic > 20.5 mm<sup>2</sup>/s

#### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

Unknown hazards to the aquatic environment (CLP) : Contains 1.19 % of components with unknown hazards to the aquatic environment

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

### Lithium carboxylate complex soap (38900-29-7)

LC50 fish 1 > 100 mg/l 96 h

### 5,5'-thiobis(2-mercapto-1,3,4-thiadiazole) (7340-97-8)

LC50 fish 1 > 100 mg/l 96 h

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### 5,5'-thiobis(2-mercapto-1,3,4-thiadiazole) (7340-97-8)

EC50 crustacea	18 mg/l 48 h
EC50 72h - Algae [1]	14 mg/l 72 h
NOEC (acute)	0.56 mg/l Daphnia 48 h

### Pentene, 2,4,4-trimethyl-, sulfurized (68515-88-8)

EC50 crustacea	0.035 mg/l 48 h
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### Magnesium carbonate (546-93-0)

LC50 fish 1	2120 – 2802 mg/l
LC50 other aquatic organisms 1	> 140 mg/l

### Calcium carbonate (471-34-1)

LC50 fish 1	> 100 % v/v, 96 h
EC50 crustacea	> 100 % v/v, 48 h

### Asphalt (8052-42-4)

LC50 fish 1	The value is greater than the Maximum Attainable Concentration
EC50 crustacea	The value is greater than the Maximum Attainable Concentration

## 12.2. Persistence and degradability

### SLS EPLCB Grease, NLGI (2,1,0,00)

Persistence and degradability	Not established.
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### 5,5'-thiobis(2-mercapto-1,3,4-thiadiazole) (7340-97-8)

Persistence and degradability	Not readily biodegradable.
Biodegradation	41 % 28 d

### Pentene, 2,4,4-trimethyl-, sulfurized (68515-88-8)

Persistence and degradability	inherently biodegradable.
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## 12.3. Bioaccumulative potential

### SLS EPLCB Grease, NLGI (2,1,0,00)

Bioaccumulative potential	Not established.
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### Pentene, 2,4,4-trimethyl-, sulfurized (68515-88-8)

Log Pow	12.56
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## 12.4. Mobility in soil

No data available

## 12.5. Results of PBT and vPvB assessment

No data available

## 12.6. Endocrine disrupting properties

No data available

## 12.7. Other adverse effects

Additional information : Avoid release to the environment.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

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

#### 14.1. UN number or ID number

UN-No. (ADR) : Not applicable  
UN-No. (IMDG) : Not regulated.  
UN-No. (IATA) : Not regulated.  
UN-No. (ADN) : Not applicable  
UN-No. (RID) : Not applicable

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable  
Proper Shipping Name (IMDG) : Not regulated.  
Proper Shipping Name (IATA) : Not regulated.  
Proper Shipping Name (ADN) : Not applicable  
Proper Shipping Name (RID) : Not applicable

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

##### ADR

Transport hazard class(es) (ADR) : Not applicable

##### IMDG

Transport hazard class(es) (IMDG) : Not regulated.

##### IATA

Transport hazard class(es) (IATA) : Not regulated.

##### ADN

Transport hazard class(es) (ADN) : Not applicable

##### RID

Transport hazard class(es) (RID) : Not applicable

#### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not regulated.  
Packing group (IATA) : Not regulated.  
Packing group (ADN) : Not applicable  
Packing group (RID) : Not applicable

#### 14.5. Environmental hazards

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

#### 14.6. Special precautions for user

##### Overland transport

Not applicable

##### Transport by sea

Not regulated.

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### Air transport

Not regulated.

### Inland waterway transport

Not applicable

### Rail transport

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

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

##### EU restriction list (REACH Annex XVII)

Reference code	Applicable on	Entry title or description
3(b)	5,5'-thiobis(2-mercapto-1,3,4-thiadiazole) ; Pentene, 2,4,4-trimethyl-, sulfurized ; LITHIUM ALKYLNAPHTHALENES ULFONATE ; 2,5-bis(octyldithio)-1,3,4-thiadiazole ; Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	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
3(c)	Cerulean ; 5,5'-thiobis(2-mercapto-1,3,4-thiadiazole) ; Pentene, 2,4,4-trimethyl-, sulfurized ; Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	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

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK)

: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal

: Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Immission Control Act - 12.BImSchV

##### Netherlands

ABM category

: Z(2) - biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/reprotoxicity/bioaccumulative potential or toxicity)

SZW-lijst van kankerverwekkende stoffen

: Distillates (petroleum) hydrotreated heavy naphthenic (DMSO < 3%) (KV40 >20.5 cSt), Pentene, 2,4,4-trimethyl-, sulfurized, Asphalt, Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene are listed

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SZW-lijst van mutagene stoffen	: Distillates (petroleum) hydrotreated heavy naphthenic (DMSO < 3%) (KV40 >20.5 cSt), Pentene, 2,4,4-trimethyl-, sulfurized, Asphalt, Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed
<b>Denmark</b>	
Danish National Regulations	: Pregnant/breastfeeding women working with the product must not be in direct contact with the product
<b>Switzerland</b>	
Storage class (LK)	: LK 10/12 - Liquids

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

### Abbreviations and acronyms:

	ATE: Acute Toxicity Estimate
	CAS (Chemical Abstracts Service) number
	EC50: Environmental Concentration associated with a response by 50% of the test population.
	GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
	LD50: Lethal Dose for 50% of the test population
	TSCA: Toxic Substances Control Act
	STEL: Short Term Exposure Limits
	TWA: Time Weighted Average

Data sources	: ACGIH (American Conference of Government Industrial Hygienists). Canadian Centre for Occupational Health and Safety. Accessed at: <a href="http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html">http://www.ccohs.ca/oshanswers/legisl/whmis_classifi.html</a> . European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <a href="http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database">http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database</a> . Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association; Fire Protection Guide to Hazardous Materials; 10th edition. TSCA Chemical Substance Inventory. Accessed at <a href="http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html">http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html</a> . WHMIS: The Workplace Hazardous Materials Information System: Canada's national hazard communication standard.
Other information	: None.

### Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) 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
EUH208	Contains 5,5'-thiobis(2-mercapto-1,3,4-thiadiazole)(7340-97-8), Pentene, 2,4,4-trimethyl-, sulfurized(68515-88-8), 2,5-bis(octyldithio)-1,3,4-thiadiazole(13539-13-4). May produce an allergic reaction.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2

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Full text of H- and EUH-statements:	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
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.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Aquatic Chronic 3	H412	Calculation method

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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.