

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 1 of 22

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

SRS Cargolub TLS eco

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

engine oil

**Uses advised against**

none

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

Company name: SRS Schmierstoff Vertrieb GmbH  
Street: Neuenkirchener Straße 8  
Place: D-48497 Salzbergen  
Telephone: 05976 - 945-0  
Responsible Department: Abt. Produktsicherheit: info.reach@srs-oil.de  
**1.4. Emergency telephone number:** Gift-Informationszentrum Nord (Göttingen) - Telefon 0551-19240

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2. Label elements****Regulation (EC) No 1272/2008****Special labelling**

EUH208 Contains Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.

**2.3. Other hazards**

This mixture contains no substances of very high concern (SVHC) (>0,1%) which are included in the Candidate List according to Article 59 of REACH.  
For information or further instructions, see also section 11 or 12.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 2 of 22

**Relevant ingredients**

| CAS No      | Chemical name                                                                               |              |                  | Quantity      |
|-------------|---------------------------------------------------------------------------------------------|--------------|------------------|---------------|
|             | EC No                                                                                       | Index No     | REACH No         |               |
|             | Classification (Regulation (EC) No 1272/2008)                                               |              |                  |               |
| 72623-87-1  | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified |              |                  | 75 - < 80 %   |
|             | 276-738-4                                                                                   | 649-483-00-5 | 01-2119474889-13 |               |
|             | Asp. Tox. 1; H304                                                                           |              |                  |               |
| 125643-61-0 | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate     |              |                  | 3 - < 5 %     |
|             | 406-040-9                                                                                   | 607-530-00-7 | 01-0000015551-76 |               |
|             | Aquatic Chronic 4; H413                                                                     |              |                  |               |
|             | Reaction products of diphenylamine with nonene, branched                                    |              |                  | 1 - < 3 %     |
|             | 701-385-4                                                                                   |              | 01-2119488911-28 |               |
|             | Repr. 2, Aquatic Chronic 3; H361f H412                                                      |              |                  |               |
| 64742-65-0  | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified            |              |                  | 1 - < 3 %     |
|             | 265-169-7                                                                                   | 649-474-00-6 | 01-2119471299-27 |               |
|             | Asp. Tox. 1; H304                                                                           |              |                  |               |
| 64742-55-8  | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified               |              |                  | 1 - < 3 %     |
|             | 265-158-7                                                                                   | 649-468-00-3 | 01-2119487077-29 |               |
|             | Asp. Tox. 1; H304                                                                           |              |                  |               |
| 64742-56-9  | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified            |              |                  | 1 - < 3 %     |
|             | 265-159-2                                                                                   | 649-469-00-9 | 01-2119480132-48 |               |
|             | Asp. Tox. 1; H304                                                                           |              |                  |               |
| 93819-94-4  | zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)                        |              |                  | 1 - < 3 %     |
|             | 298-577-9                                                                                   |              | 01-2119543726-33 |               |
|             | Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2; H315 H318 H411                                |              |                  |               |
|             | Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.                                     |              |                  | 0.2 - < 0.3 % |
|             | 701-556-3                                                                                   |              |                  |               |
|             | Skin Sens. 1B, STOT RE 2; H317 H373                                                         |              |                  |               |

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 3 of 22

**Specific Conc. Limits, M-factors and ATE**

| CAS No      | EC No     | Chemical name                                                                                                                                            | Quantity      |
|-------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
|             |           | Specific Conc. Limits, M-factors and ATE                                                                                                                 |               |
| 72623-87-1  | 276-738-4 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified                                                              | 75 - < 80 %   |
|             |           | inhalation: LC50 = >5,53 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg                                                     |               |
| 125643-61-0 | 406-040-9 | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate                                                                  | 3 - < 5 %     |
|             |           | dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg                                                                                                   |               |
|             | 701-385-4 | Reaction products of diphenylamine with nonene, branched                                                                                                 | 1 - < 3 %     |
|             |           | oral: LD50 = > 5000 mg/kg                                                                                                                                |               |
| 64742-65-0  | 265-169-7 | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified                                                                         | 1 - < 3 %     |
|             |           | dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg                                                                                                     |               |
| 64742-55-8  | 265-158-7 | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified                                                                            | 1 - < 3 %     |
|             |           | inhalation: LC50 = > 5,53 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg                                                  |               |
| 64742-56-9  | 265-159-2 | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified                                                                         | 1 - < 3 %     |
|             |           | inhalation: LC50 = >5,53 mg/l (dusts or mists); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg                                                     |               |
| 93819-94-4  | 298-577-9 | zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)                                                                                     | 1 - < 3 %     |
|             |           | dermal: LD50 = >2000 mg/kg; oral: LD50 = 2600 mg/kg Skin Irrit. 2; H315: >= 6,5 - 100 Eye Dam. 1; H318: >= 12,5 - 100 Eye Irrit. 2; H319: >= 10 - < 12,5 |               |
|             | 701-556-3 | Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.                                                                                                  | 0.2 - < 0.3 % |
|             |           | dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg                                                                                                     |               |

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. In case of skin irritation, seek medical treatment.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Never give anything by mouth to an unconscious person or a person with cramps. When in doubt or if symptoms are observed, get medical advice.

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

If swallowed or in the event of vomiting, risk of entering the lungs.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 4 of 22

**Suitable extinguishing media**

Sand. Foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.

**Unsuitable extinguishing media**

High power water jet.

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

Burning produces heavy smoke.

In case of fire may be liberated: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>) Sulphur dioxide (SO<sub>2</sub>) Nitrogen oxides (NO<sub>x</sub>)

**5.3. Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Ventilate affected area.

Special danger of slipping by leaking/spilling product.

**For non-emergency personnel**

Wear personal protection equipment (refer to section 8).

**For emergency responders**

No special precautionary measures are necessary.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into soil/subsoil.

**6.3. Methods and material for containment and cleaning up****For containment**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

**For cleaning up**

Clean contaminated articles and floor according to the environmental legislation.

**6.4. Reference to other sections**

No information available.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Wear suitable protective clothing. ( See section 8. )

Avoid formation of oil dust.

**Advice on protection against fire and explosion**

Usual measures for fire prevention. Keep away from sources of ignition - No smoking.

Fire class B

**Advice on general occupational hygiene**

Clean skin thoroughly after working.

Do not put any product-impregnated cleaning rags into your trouser pockets.

Contaminated work clothing should not be allowed out of the workplace.

Wash contaminated clothing before reuse.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### SRS Cargolub TLS eco

Revision: 14.08.2026

Page 5 of 22

#### Further information on handling

Do not breathe vapour/aerosol.

Avoid contact with eyes and skin.

General protection and hygiene measures: See section 8.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Only use containers specifically approved for the substance/product.

##### Hints on joint storage

Do not store together with: Gas. Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances.

Infectious substances

##### Further information on storage conditions

Temperature control required. Protect from light. Keep container tightly closed. Do not allow contact with air.

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

See section 1.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## SRS Cargolub TLS eco

Revision: 14.08.2026

Page 6 of 22

## DNEL/DMEL values

| CAS No                   | Name of agent                                                                               | Exposure route | Effect                 | Value |
|--------------------------|---------------------------------------------------------------------------------------------|----------------|------------------------|-------|
| 72623-87-1               | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified |                |                        |       |
| Worker DNEL, long-term   | inhalation                                                                                  | systemic       | 2,73 mg/m <sup>3</sup> |       |
| Worker DNEL, long-term   | dermal                                                                                      | systemic       | 0,97 mg/kg bw/day      |       |
| Worker DNEL, long-term   | inhalation                                                                                  | local          | 5,58 mg/m <sup>3</sup> |       |
| Consumer DNEL, long-term | inhalation                                                                                  | local          | 1,19 mg/m <sup>3</sup> |       |
| Consumer DNEL, long-term | oral                                                                                        | systemic       | 0,74 mg/kg bw/day      |       |
| 125643-61-0              | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate     |                |                        |       |
| Worker DNEL, long-term   | inhalation                                                                                  | systemic       | 6,6 mg/m <sup>3</sup>  |       |
| Worker DNEL, long-term   | dermal                                                                                      | systemic       | 1,67 mg/kg bw/day      |       |
| Consumer DNEL, long-term | inhalation                                                                                  | systemic       | 1,62 mg/m <sup>3</sup> |       |
| Consumer DNEL, long-term | dermal                                                                                      | systemic       | 0,83 mg/kg bw/day      |       |
| Consumer DNEL, long-term | oral                                                                                        | systemic       | 0,93 mg/kg bw/day      |       |
|                          | Reaction products of diphenylamine with nonene, branched                                    |                |                        |       |
|                          |                                                                                             |                |                        |       |
| 64742-65-0               | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified            |                |                        |       |
| Worker DNEL, long-term   | inhalation                                                                                  | systemic       | 2,73 mg/m <sup>3</sup> |       |
| Worker DNEL, long-term   | inhalation                                                                                  | local          | 5,58 mg/m <sup>3</sup> |       |
| Consumer DNEL, long-term | oral                                                                                        | systemic       | 0,74 mg/kg bw/day      |       |
| Worker DNEL, long-term   | dermal                                                                                      | systemic       | 0,97 mg/kg bw/day      |       |
| Consumer DNEL, long-term | inhalation                                                                                  | local          | 1,19 mg/m <sup>3</sup> |       |
| 64742-55-8               | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified               |                |                        |       |
| Worker DNEL, long-term   | inhalation                                                                                  | systemic       | 2,73 mg/m <sup>3</sup> |       |
| Worker DNEL, long-term   | inhalation                                                                                  | local          | 5,58 mg/m <sup>3</sup> |       |
| Consumer DNEL, long-term | oral                                                                                        | systemic       | 0,74 mg/kg bw/day      |       |
| Worker DNEL, long-term   | dermal                                                                                      | systemic       | 0,97 mg/kg bw/day      |       |
| Consumer DNEL, long-term | inhalation                                                                                  | local          | 1,19 mg/m <sup>3</sup> |       |
| 64742-56-9               | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified            |                |                        |       |
| Worker DNEL, long-term   | inhalation                                                                                  | systemic       | 2,73 mg/m <sup>3</sup> |       |
| Worker DNEL, long-term   | inhalation                                                                                  | local          | 5,58 mg/m <sup>3</sup> |       |
| Worker DNEL, long-term   | dermal                                                                                      | systemic       | 0,97 mg/kg bw/day      |       |
| Consumer DNEL, long-term | oral                                                                                        | systemic       | 0,74 mg/kg bw/day      |       |
| Consumer DNEL, long-term | inhalation                                                                                  | local          | 1,19 mg/m <sup>3</sup> |       |
| 93819-94-4               | zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)                        |                |                        |       |
| Worker DNEL, long-term   | inhalation                                                                                  | systemic       | 8,31 mg/m <sup>3</sup> |       |

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 7 of 22

|                          |            |          |                        |
|--------------------------|------------|----------|------------------------|
| Worker DNEL, long-term   | dermal     | systemic | 0,58 mg/kg bw/day      |
| Consumer DNEL, long-term | inhalation | systemic | 2,11 mg/m <sup>3</sup> |
| Consumer DNEL, long-term | dermal     | systemic | 0,29 mg/kg bw/day      |
| Consumer DNEL, long-term | oral       | systemic | 0,24 mg/kg bw/day      |

**PNEC values**

| CAS No                                          | Name of agent                                                                               |             |
|-------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|
| Environmental compartment                       |                                                                                             | Value       |
| 72623-87-1                                      | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified |             |
| Secondary poisoning                             |                                                                                             | 9,33 mg/kg  |
| 125643-61-0                                     | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate     |             |
| Freshwater                                      |                                                                                             | 0,018 mg/l  |
| Marine water                                    |                                                                                             | 0,002 mg/kg |
| Freshwater sediment                             |                                                                                             | 2 mg/kg     |
| Marine sediment                                 |                                                                                             | 0,2 mg/kg   |
| Secondary poisoning                             |                                                                                             | 41,33 mg/kg |
| Microorganisms in sewage treatment plants (STP) |                                                                                             | 100 mg/l    |
| Soil                                            |                                                                                             | 10 mg/kg    |
| 64742-65-0                                      | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified            |             |
| Secondary poisoning                             |                                                                                             | 9,33 mg/kg  |
| 64742-55-8                                      | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified               |             |
| Secondary poisoning                             |                                                                                             | 9,33 mg/kg  |
| 64742-56-9                                      | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified            |             |
| Secondary poisoning                             |                                                                                             | 9,33 mg/kg  |
| 93819-94-4                                      | zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)                        |             |
| Freshwater                                      |                                                                                             | 0,004 mg/l  |
| Freshwater (intermittent releases)              |                                                                                             | 0,021 mg/l  |
| Marine water                                    |                                                                                             | 0,0046 mg/l |
| Freshwater sediment                             |                                                                                             | 0,012 mg/kg |
| Marine sediment                                 |                                                                                             | 0,001 mg/kg |
| Secondary poisoning                             |                                                                                             | 10,67 mg/kg |
| Microorganisms in sewage treatment plants (STP) |                                                                                             | 0,012 mg/kg |
| Soil                                            |                                                                                             | 0,005 mg/kg |

**Additional advice on limit values**

Air limit values:

Possibility of exposure to Aerosol (Mineral oil )

Limit value (TLV-TWA ) = 5 mg/ m<sup>3</sup> - Source: ACGIHLimit value (TLV-STEL ) = 10 mg/ m<sup>3</sup> - Source: ACGIH

STEL: short-term exposure limits

TLV: Threshold Limiting Value

TWA: time weighted average

ACGIH: American Conference of Governmental Industrial Hygienists

**8.2. Exposure controls**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### SRS Cargolub TLS eco

Revision: 14.08.2026

Page 8 of 22



#### Appropriate engineering controls

Provide adequate ventilation.



#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Safety goggles with side protection. In case of increased risk add protective face shield. EN 166

##### Hand protection

Use safety gloves of following materials: NBR (nitrile) / neopren / viton (permeationslevel 5 - 6), Cat. II according to norm EN 374/EN 388.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Gloves must be periodically inspected and changed in case of wear, perforations or contaminations.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

##### Skin protection

Oil-resistant and hardly inflammable protective clothing.

##### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

-aerosol or mist formation

-Exceeding exposure limit values

Suitable respiratory protection apparatus: Respiratory equipment in case of nebulosity or aerosol: Use a mask with a filter type A2, A2/P2 or ABEK.

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

##### Thermal hazards

Wear protective clothing for operations with hot material: heat resistant coveralls (with trousers legs over boots and sleeves over cuffs of gloves), heat resistant heavy duty antiskid boots (e. g. leather).

##### Environmental exposure controls

No information available.

## SECTION 9: Physical and chemical properties

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

|                 |                |
|-----------------|----------------|
| Physical state: | Liquid         |
| Colour:         | clear          |
| Odour:          | characteristic |

#### Test method

|                                                           |                           |
|-----------------------------------------------------------|---------------------------|
| Melting point/freezing point:                             | No information available. |
| Boiling point or initial boiling point and boiling range: | No information available. |
| Flammability:                                             | No information available. |
| Lower explosion limits:                                   | No information available. |
| Upper explosion limits:                                   | No information available. |
| Flash point:                                              | 242 °C DIN 2592           |
| Auto-ignition temperature:                                | No information available. |

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 9 of 22

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Decomposition temperature:             | No information available.                |
| pH-Value:                              | No information available.                |
| Viscosity / kinematic:<br>(at 40 °C)   | 45,94 mm <sup>2</sup> /s DIN EN ISO 3104 |
| Water solubility:                      | Immiscible                               |
| Solubility in other solvents           |                                          |
| No information available.              |                                          |
| Partition coefficient n-octanol/water: | No information available.                |
| Vapour pressure:<br>(at 20 °C)         | No information available.                |
| Vapour pressure:<br>(at 50 °C)         | No information available.                |
| Density (at 15 °C):                    | 0,8561 g/cm <sup>3</sup> DIN 12185       |
| Bulk density:                          | No information available.                |
| Relative vapour density:               | No information available.                |
| Particle characteristics:              | No information available.                |

**9.2. Other information****Information with regard to physical hazard classes**

Explosive properties

none

Sustained combustibility:

No data available

Self-ignition temperature

Solid:

No information available.

Gas:

No information available.

Oxidizing properties

none

**Other safety characteristics**

Evaporation rate:

No information available.

Solvent separation test:

No information available.

Solvent content:

No information available.

Solid content:

No information available.

Sublimation point:

No information available.

Softening point:

No information available.

Pour point:

-39 °C ASTM D 5950

Viscosity / dynamic:

No information available.

Flow time:

No information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

Refer to chapter 10.5.

**10.4. Conditions to avoid**

No information available.

**10.5. Incompatible materials**

Oxidising agent, strong



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### SRS Cargolub TLS eco

Revision: 14.08.2026

Page 10 of 22

#### **10.6. Hazardous decomposition products**

No known hazardous decomposition products.

### **SECTION 11: Toxicological information**

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

##### **Toxicokinetics, metabolism and distribution**

No information available.

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

##### **ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 11 of 22

| CAS No      | Chemical name                                                                               |                   |         |              |                    |
|-------------|---------------------------------------------------------------------------------------------|-------------------|---------|--------------|--------------------|
|             | Exposure route                                                                              | Dose              | Species | Source       | Method             |
| 72623-87-1  | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified |                   |         |              |                    |
|             | oral                                                                                        | LD50 >5000 mg/kg  | Rat     | ECHA Dossier | OECD 401           |
|             | dermal                                                                                      | LD50 >2000 mg/kg  | Rabbit  | ECHA Dossier | OECD 402           |
|             | inhalation (4 h) dust/mist                                                                  | LC50 >5,53 mg/l   | Rat     | ECHA Dossier | OECD 403           |
| 125643-61-0 | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate     |                   |         |              |                    |
|             | oral                                                                                        | LD50 > 2000 mg/kg | Rat     | ECHA Dossier | OECD 401           |
|             | dermal                                                                                      | LD50 > 2000 mg/kg | Rat     | ECHA Dossier | OECD 402           |
|             | Reaction products of diphenylamine with nonene, branched                                    |                   |         |              |                    |
|             | oral                                                                                        | LD50 > 5000 mg/kg | Rat     | ECHA Dossier | OECD Guideline 401 |
| 64742-65-0  | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified            |                   |         |              |                    |
|             | oral                                                                                        | LD50 >5000 mg/kg  | Rat     | ECHA Dossier | OECD 401           |
|             | dermal                                                                                      | LD50 >2000 mg/kg  | Rabbit  | ECHA Dossier | OECD 402           |
| 64742-55-8  | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified               |                   |         |              |                    |
|             | oral                                                                                        | LD50 > 5000 mg/kg | Rat     | ECHA Dossier | OECD Guideline 401 |
|             | dermal                                                                                      | LD50 > 2000 mg/kg | Rabbit  | ECHA Dossier | OECD Guideline 402 |
|             | inhalation (4 h) dust/mist                                                                  | LC50 > 5,53 mg/l  | Rat     | ECHA Dossier | OECD Guideline 403 |
| 64742-56-9  | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified            |                   |         |              |                    |
|             | oral                                                                                        | LD50 >5000 mg/kg  | Rat.    | ECHA Dossier |                    |
|             | dermal                                                                                      | LD50 >5000 mg/kg  | Rabbit. | ECHA Dossier |                    |
|             | inhalation (4 h) dust/mist                                                                  | LC50 >5,53 mg/l   | Rat.    | ECHA Dossier |                    |
| 93819-94-4  | zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)                        |                   |         |              |                    |
|             | oral                                                                                        | LD50 2600 mg/kg   | Rat     | ECHA Dossier |                    |
|             | dermal                                                                                      | LD50 >2000 mg/kg  | Rabbit  | ECHA Dossier |                    |
|             | Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.                                     |                   |         |              |                    |
|             | oral                                                                                        | LD50 >2000 mg/kg  | Rat     | ECHA Dossier | OECD Guideline 423 |
|             | dermal                                                                                      | LD50 >2000 mg/kg  | Rat     | ECHA Dossier | OECD Guideline 402 |

**Irritation and corrosivity**

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### SRS Cargolub TLS eco

Revision: 14.08.2026

Page 12 of 22

#### Sensitising effects

Based on available data, the classification criteria are not met.

Contains Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.. May produce an allergic reaction.

May cause sensitisation especially in sensitive humans.

#### Carcinogenic/mutagenic/toxic effects for reproduction

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 13 of 22

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based:

In vitro mutagenicity/genotoxicity: Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test);

Result: negative Literature information: REACH Dossier; Carcinogenicity: Method: OECD Guideline 453

(Combined Chronic Toxicity / Carcinogenicity Studies); Species: Mouse; Result: Non-carcinogenic if DMSO

extract as measured by IP346 is less than 3% m/m.; Literature information: REACH Dossier; Reproductive

toxicity: Species: Rat (Sprague-Dawley); Method: OECD Guideline 421 (Reproduction / Developmental Toxicity

Screening Test); Result: NOAEL > 1000 mg/kg; Literature information: REACH Dossier; Developmental

toxicity/teratogenicity: Species: Rat (Sprague-Dawley); Method: OECD Guideline 414 (Prenatal Developmental

Toxicity Study); Result: NOAEL >= 2000 mg/kg; Literature information: REACH Dossier

reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate:

In-vitro mutagenicity:

Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Result: negative

Developmental toxicity/teratogenicity:

Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study)

Species: Rabbit

Results: NOAEL = 40 mg/kg (Maternal toxicity)

Literature information: ECHA Dossier

Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified:

In vitro mutagenicity/genotoxicity:

-OECD Guideline 471 (Bacterial Reverse Mutation Assay)

-OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

-OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Result: negative Literature information: REACH Dossier

Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified:

In vitro mutagenicity/genotoxicity:

Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) with modifications

Results: negative / positive

Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

Results: negative

Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

Results: negative / positive

Literature information: REACH Dossier

In vivo mutagenicity/genotoxicity

Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Results: negative ; Literature information: REACH Dossier

Reproductive toxicity

Method: OECD Guideline 421 (Reproduction / Developmental Toxicity Screening Test)

Exposure time: 28d; Species: Rat

Results: NOAEL >= 1000 mg/kg(bw)/day; Literature information: REACH Dossier

Developmental toxicity/teratogenicity:

Method: OECD Guideline 414 (Prenatal Developmental Toxicity Study)

Exposure time: 28d; Species: Rat

Results: NOAEL >= 2000 mg/kg(bw)/day; Literature information: REACH Dossier

Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified:

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 14 of 22

In vitro mutagenicity/genotoxicity:

Method:

-OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

-OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)

-OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: negative

Literature information: REACH Dossier

Chronic dermal toxicity:

Exposure time: ~546 d

Species: Mouse.

Method: OECD Guideline 451

Result: Carcinogenicity = negative

Literature information: REACH Dossier

Reproductive toxicity:

Exposure route: oral.

Species: Rat.

Method: OECD Guideline 421

Result: NOAEL &gt;1000 mg/kg

Literature information: REACH Dossier

Developmental toxicity/teratogenicity:

Exposure route: dermal.

Species: Rat.

Method: OECD Guideline 414

Result: NOAEL &gt;2000 mg/kg

Literature information: REACH Dossier

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate):

In vitro mutagenicity/genotoxicity: Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test);

Result: negative Literature information: REACH Dossier

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 15 of 22

Based on available data, the classification criteria are not met.

Baseoil - unspecified, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based:

Subacute inhalative toxicity: Method: -; Exposure time: 28d; Species: Rat; Results: NOAEL >980 mg/m<sup>3</sup>;

Literature information: REACH Dossier; Subacute dermal toxicity: Method: OECD Guideline 410 (Repeated

Dose Dermal Toxicity: 21/28-Day Study); Exposure time: 28d; Species: Rabbit; Results: 1000 mg/kg; Literature

information: REACH Dossier

reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate:

Subchronic oral toxicity:

Method: EU Method B.7 (Repeated Dose (28 Days) Toxicity (Oral))

Species: Rat

Exposure duration: 28 d

Result: NOEL = 15 mg/kg bw/day

Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified:

Subacute inhalative toxicity :

Method: -

Exposure time: 28d

Species: Rat

Results: > 980 mg/m<sup>3</sup>

Literature information: J Appl Toxicol, Vol 11(4), pp 297-302

Subacute dermal toxicity :

Method: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

Exposure time: 28d

Species: Rabbit

Results: 1000 mg/kg

Literature information: REACH Dossier

Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified:

Subacute inhalative toxicity : Method: -; Exposure time: 28d; Species: Rat; Results: NOAEL > 980 mg/m<sup>3</sup>;

Literature information: J Appl Toxicol, Vol 11(4), pp 297-302; Subacute dermal toxicity: Method: OECD

Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study); Exposure time: 28d; Species: Rabbit;

Results: NOAEL 1000 mg/kg(bw)/day; Literature information: REACH Dossier; Subchronic oral toxicity:

Method: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents); Species: Rat; Results:

NOAEL = 125 mg/kg; Literature information: REACH Dossier

Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified:

Subchronic oral toxicity:

Exposure time: 90d

Species: Sprague-Dawley Rat.

Method: OECD Guideline 408

Result: LOAEL = 125 mg/kg

Literature information: REACH Dossier

Subacute inhalative toxicity :

Exposure time: 28d

Species: Sprague-Dawley Rat.

Result: NOAEC > 980 mg/m<sup>3</sup>

Literature information: REACH Dossier

Subacute dermal toxicity:

Exposure time: 28d

Species: Rabbit

Method: OECD Guideline 410

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 16 of 22

Result: NOAEL 1000 mg/kg

Literature information: REACH Dossier

zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate):

Chronic oral toxicity: Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test); Exposure time: 28d ;Species: Rat; Results: NOAEL = 160 mg/kg (READ ACROSS); Literature information: REACH Dossier

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards****Endocrine disrupting properties**

Based on available data, the classification criteria are not met.

This product does not contain a substance (> 0,1%) that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**Other information**

Frequent contact specially if dried out may cause skin and eye irritations.

**SECTION 12: Ecological information****12.1. Toxicity**

Based on available data, the classification criteria are not met.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 17 of 22

| CAS No      | Chemical name                                                                           |                       |           |                                      |              |                    |
|-------------|-----------------------------------------------------------------------------------------|-----------------------|-----------|--------------------------------------|--------------|--------------------|
|             | Aquatic toxicity                                                                        | Dose                  | [h]   [d] | Species                              | Source       | Method             |
| 125643-61-0 | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate |                       |           |                                      |              |                    |
|             | Acute fish toxicity                                                                     | LC50 >100 mg/l        | 96 h      | Brachydanio rerio                    | ECHA Dossier | OECD 203           |
|             | Acute crustacea toxicity                                                                | EC50 >100 mg/l        | 48 h      | Daphnia magna                        | ECHA Dossier | OECD 202           |
| 64742-65-0  | Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil - unspecified        |                       |           |                                      |              |                    |
|             | Acute fish toxicity                                                                     | LL50 > 100 mg/l       | 96 h      | Pimephales promelas                  | ECHA Dossier | OECD Guideline 203 |
|             | Fish toxicity                                                                           | NOEC >= 1000 mg/l     | 14 d      | Oncorhynchus mykiss                  | ECHA Dossier | QSAR               |
| 64742-55-8  | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified           |                       |           |                                      |              |                    |
|             | Acute fish toxicity                                                                     | LC50 LL50 > 100 mg/l  | 96 h      | Pimephales promelas (fathead minnow) | ECHA Dossier | OECD Guideline 203 |
|             | Acute crustacea toxicity                                                                | EC50 EL50 >10000 mg/l | 48 h      | Daphnia magna (Big water flea)       | ECHA Dossier | OECD Guideline 202 |
|             | Algae toxicity                                                                          | NOEC NOEL > 100 mg/l  | 3 d       | Pseudokirchneriella subcapitata      | ECHA Dossier |                    |
|             | Crustacea toxicity                                                                      | NOEC NOEL > 10 mg/l   | 21 d      | Daphnia magna (Big water flea)       | ECHA Dossier | OECD Guideline 211 |
| 64742-56-9  | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified        |                       |           |                                      |              |                    |
|             | Acute fish toxicity                                                                     | LC50 >100 mg/l        | 96 h      | Pimephales promelas                  | ECHA Dossier |                    |
|             | Acute algae toxicity                                                                    | ErC50 >100 mg/l       | 72 h      | Pseudokirchnerella subcapitata       | ECHA Dossier |                    |
|             | Acute crustacea toxicity                                                                | EC50 >10000 mg/l      | 48 h      | Daphnia magna                        | ECHA Dossier |                    |
|             | Crustacea toxicity                                                                      | NOEC 10 mg/l          | 21 d      | Daphnia magna                        | ECHA Dossier |                    |
| 93819-94-4  | zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)                    |                       |           |                                      |              |                    |
|             | Acute fish toxicity                                                                     | LC50 4,5 mg/l         | 96 h      | Oncorhynchus mykiss                  | ECHA Dossier | OECD 203           |
|             | Acute algae toxicity                                                                    | ErC50 2,1 mg/l        | 72 h      | Selenastrum capricornutum            | ECHA Dossier | OECD 201           |
|             | Acute crustacea toxicity                                                                | EC50 5,4 mg/l         | 48 h      | Daphnia magna                        | ECHA Dossier | OECD 202           |
|             | Crustacea toxicity                                                                      | NOEC >0,1- <1,0 mg/l  | 21 d      | Daphnia magna                        | ECHA Dossier |                    |
|             | Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.                                 |                       |           |                                      |              |                    |
|             | Acute fish toxicity                                                                     | LC50 >100 mg/l        | 96 h      | Cyprinus carpio                      | ECHA Dossier | OECD Guideline 203 |
|             | Acute algae toxicity                                                                    | ErC50 >100 mg/l       | 72 h      | Raphidocelis subcapitata             | ECHA Dossier | OECD Guideline 201 |
|             | Acute crustacea toxicity                                                                | EC50 >100 mg/l        | 48 h      | Daphnia magna                        | ECHA Dossier | OECD Guideline 202 |

**12.2. Persistence and degradability**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## SRS Cargolub TLS eco

Revision: 14.08.2026

Page 18 of 22

| CAS No      | Chemical name                                                                               |       |    |              |
|-------------|---------------------------------------------------------------------------------------------|-------|----|--------------|
|             | Method                                                                                      | Value | d  | Source       |
|             | Evaluation                                                                                  |       |    |              |
| 72623-87-1  | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil - unspecified |       |    |              |
|             | OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C                                             | 2-4%  | 28 | ECHA Dossier |
|             | Not easily bio-degradable (according to OECD-criteria).                                     |       |    |              |
| 125643-61-0 | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate     |       |    |              |
|             | OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C                                             | 4 %   | 28 | ECHA Dossier |
|             | Not easily bio-degradable (according to OECD-criteria).                                     |       |    |              |
|             | Reaction products of diphenylamine with nonene, branched                                    |       |    |              |
|             | (Q)SAR CATALOGIC v5.13.1.                                                                   | 31%   | 28 | ECHA Dossier |
|             | Not easily bio-degradable (according to OECD-criteria).                                     |       |    |              |
|             | (Q)SAR CATALOGIC v5.13.1.                                                                   | 24%   | 28 | ECHA Dossier |
|             | Not easily bio-degradable (according to OECD-criteria).                                     |       |    |              |
| 64742-55-8  | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified               |       |    |              |
|             | OECD Guideline 301 F                                                                        | 31%   | 28 | ECHA Dossier |
|             | Not easily bio-degradable (according to OECD-criteria).                                     |       |    |              |
| 64742-56-9  | Distillates (petroleum), solvent-dewaxed light paraffinic; Baseoil - unspecified            |       |    |              |
|             | OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C                                             | 2-4%  | 28 | ECHA Dossier |
|             | Not easily bio-degradable (according to OECD-criteria).                                     |       |    |              |
| 93819-94-4  | zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)                        |       |    |              |
|             | OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C                                             | 1,5%  | 28 | ECHA Dossier |
|             | Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.                                     |       |    |              |
|             | OECD Guideline 301 B                                                                        | 6%    | 29 | ECHA Dossier |
|             | Not easily bio-degradable (according to OECD-criteria).                                     |       |    |              |

### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

### Partition coefficient n-octanol/water

| CAS No      | Chemical name                                                                           | Log Pow |
|-------------|-----------------------------------------------------------------------------------------|---------|
| 125643-61-0 | reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate | 9,2     |
|             | Reaction products of diphenylamine with nonene, branched                                | 11,87   |
| 64742-55-8  | Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified           | > 3,5   |
|             | Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.                                 | 7.2     |

### BCF

| CAS No | Chemical name                                            | BCF | Species         | Source       |
|--------|----------------------------------------------------------|-----|-----------------|--------------|
|        | Reaction products of diphenylamine with nonene, branched | 411 | Cyprinus carpio | ECHA Dossier |

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

Based on available data, the classification criteria are not met.

The substances in the mixture (>0,1%) do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Endocrine disrupting properties

Based on available data, the classification criteria are not met.

This product does not contain a substance (> 0,1 %) that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7. Other adverse effects

No information available.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 19 of 22

**Further information**

Ozone depletion potential (ODP): No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**List of Wastes Code - contaminated packaging**

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)**

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Inland waterways transport (ADN)**

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Marine transport (IMDG)**

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Air transport (ICAO-TI/IATA-DGR)**

|                                          |                                                          |
|------------------------------------------|----------------------------------------------------------|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Informations for safe handling see chapter 7.

Informations for personal protective equipment see chapter 8.

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

not relevant

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 20 of 22

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

Directive 2010/75/EU on industrial emissions: No information available.

Directive 2004/42/EC on VOC in paints and varnishes: No information available.

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

**Additional information**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2020/878)

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [CLP].

REACH 1907/2006 Appendix XVII, No (mixture): 75

Observe in addition any national regulations!

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**Additional information**

Regulation (EU) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals: not relevant

15.2 Chemical Safety Assessment  
not applicable.

**SECTION 16: Other information****Changes**

Rev. : 1,0 - 13.09.2023

Rev.: 2.0 - 11.09.2024, Changes in chapter: 11.1, 12.1, 16

Rev.: 3.0 - 15.09.2025, Changes in chapter: 15, 16

Rev.: 4.0 - 14.08.2026, Changes in chapter: 2.2, 3.2, 8.1, 9.1, 11.1, 12.1, 12.2, 12.3, 12.5, 12.6, 15.1, 16

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 21 of 22

**Abbreviations and acronyms**

Asp. Tox. 1: Aspiration hazard, hazard category 1  
Skin Irrit. 2: Skin irritation, hazard category 2  
Eye Dam. 1: Serious eye damage, hazard category 1  
Skin Sens. 1B: Skin sensitisation, hazard category 1B  
Repr. 2: Reproductive toxicity, hazard category 2  
STOT RE 2: Specific target organ toxicity - repeated exposure, hazard category 2  
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2  
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard category: Chronic 3  
Aquatic Chronic 4: Hazardous to the aquatic environment, long-term hazard category: Chronic 4  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
CAS: Chemical Abstracts Service  
CLP: Classification, Labelling and Packaging of substances and mixtures  
d: day(s)  
DNEL: Derived No Effect Level  
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER  
EINECS: European Inventory of Existing Commercial chemical Substances  
ELINCS: European List of Notified Chemical Substances  
ECHA: European Chemicals Agency  
EWC: European Waste Catalogue  
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)  
h: hour  
LOAEL: Lowest observed adverse effect level  
LOAEC: Lowest observed adverse effect concentration  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
NOAEL: No observed adverse effect level  
NOAEC: No observed adverse effect concentration  
NLP: No-Longer Polymers  
NTP: National Toxicology Program  
N/A: not applicable  
OECD: Organisation for Economic Co-operation and Development  
PNEC: predicted no effect concentration  
PBT: Persistent bioaccumulative toxic  
PMT: Persistent, mobile and toxic  
REACH: Registration, Evaluation, Authorisation of Chemicals  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail )  
SVHC: substance of very high concern  
TRGS: Technische Regeln für Gefahrstoffe  
UN: United Nations  
TSCA: Toxic Substances Control Act  
vPvM: very persistent and very mobile  
vPvB: very persistent and very bioaccumulative  
VOC: Volatile Organic Compounds  
WGK: Water Hazard Class (Germany)

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SRS Cargolub TLS eco**

Revision: 14.08.2026

Page 22 of 22

**Key literature references and sources for data**

<https://echa.europa.eu/>  
<https://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp>  
<https://cfpub.epa.gov/ecotox/search.cfm>  
<http://www.inchem.org/#/search>  
<https://pubchem.ncbi.nlm.nih.gov/>  
<http://ccinfoweb.ccohs.ca/rtecs/search.html>  
<https://webigoletto.uba.de/rigoletto/>

**Relevant H and EUH statements (number and full text)**

|        |                                                                                                     |
|--------|-----------------------------------------------------------------------------------------------------|
| H304   | May be fatal if swallowed and enters airways.                                                       |
| H315   | Causes skin irritation.                                                                             |
| H317   | May cause an allergic skin reaction.                                                                |
| H318   | Causes serious eye damage.                                                                          |
| H361f  | Suspected of damaging fertility.                                                                    |
| H373   | May cause damage to organs through prolonged or repeated exposure.                                  |
| 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 Phenol, 2 or 4-C14-18 (even numbered) sec-alkyl derivs.. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.                                                             |

**Further Information**

Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*