

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

1.1. Product identifier

Trade name : Smøreolje for materialpumpe
Chemical name : Sulfonic acids, C10-21-alkane, Ph esters
EC no : 293-728-5
CAS No : 91082-17-6

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

Relevant identified uses

Use of the substance/mixture : Lubricant for material pump in HT paint pump

Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Clemco Norge AS
Tvetenveien 156
0671 Oslo - Norge
T +47 23 12 51 20
clemco@clemco.no - www.clemco.no

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Norway	Giftinformasjonen Helsedirektoratet	P.O. Box 7000 St. Olavs Plass 0130 Oslo	+47 22 591300	Ambulance: 113

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%
Sulfonic acids, C10-21-alkane, Ph esters	(CAS No) 91082-17-6 (EC no) 293-728-5	100

Full text of H-statements: see section 16

3.2. Mixture

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In case of doubt or persistent symptoms, consult always a physician. Emergency telephone number, see section 1.4.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with soap and water. Take off contaminated clothing and wash it before reuse.
First-aid measures after eye contact : Flush with lukewarm water for 15 minutes. Remove contact lenses, if present and easy to do. Obtain medical attention if pain, blinking or redness persist.

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First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Give milk or water to drink. Do not give an unconscious person anything to drink. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical advice/attention.

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

Symptoms/injuries after inhalation : Vapours or aerosols : May cause slight irritation.

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, powder, carbon dioxide (CO₂), water spray.

Unsuitable extinguishing media : Do not use straight streams.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Non flammable. Under fire conditions closed containers may rupture or explode.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂). Sulphur oxides.

5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ventilate spillage area. Avoid breathing vapor or mist. Use personal protective equipment as required. Refer to section 8. Spilled material may present a slipping hazard.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site. Dispose as hazardous waste. Refer to section 13.

6.4. Reference to other sections

For further information refer to section 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Wear personal protective equipment. Refer to section 8.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep cool. Protect from sunlight. Store in a well-ventilated place. Store in a closed container. Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Hand protection:

Wear suitable gloves resistant to chemical penetration

Type	Material	Permeation	Thickness (mm)	Standard
---	Nitrile rubber (NBR)	< 1 hour	---	EN 374

Eye protection:

Use splash goggles when eye contact due to splashing is possible. EN 166

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Skin and body protection:

Normal overalls

Respiratory protection:

Normally not necessary. If risk of inhalation of vapors, use respiratory protection with filter A. EN 14387

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellowish.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: < -15 °C
Freezing point	: No data available
Boiling point	: 200 °C
Flash point	: 210 °C (CC)
Auto-ignition temperature	: 425 °C
Decomposition temperature	: > 200 °C
Flammability (solid, gas)	: Not applicable
Vapour pressure	: < 0,0001 hPa Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: No data available
Density	: 1,04 - 1,07 g/cm ³
Solubility	: Insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 100 - 130 mPa.s (20°C)
Explosive properties	: Not explosive.
Oxidising properties	: Non flammable.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)

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Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: Not classified. Based on available data, the classification criteria are not met. The aerosols can be irritating to the respiratory system
Specific target organ toxicity (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)
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye. Used product may contain contaminations with greater health risks than the original product.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Does not contain any ingredients currently classified as Dangerous for the Environment.

12.2. Persistence and degradability

Smøreolje for materialpumpe (91082-17-6)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	49 %

12.3. Bioaccumulative potential

Smøreolje for materialpumpe (91082-17-6)	
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

Smøreolje for materialpumpe (91082-17-6)	
Mobility in soil	Low mobility (soil)

12.5. Results of PBT and vPvB assessment

Smøreolje for materialpumpe (91082-17-6)	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Norwegian waste code: 7042 Organic solvents, non-halogenated.
Waste treatment methods	: Hazardous waste. Remove to an authorized waste treatment plant.
European List of Waste (LoW) code	: 13 08 99* - wastes not otherwise specified

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

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14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

No REACH Annex XVII restrictions

Smøreolje for materialpumpe is not on the REACH Candidate List

Smøreolje for materialpumpe is not on the REACH Annex XIV List

National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Modified. 1-16.

Abbreviations and acronyms:

PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative

Data sources : Safety Data Sheet from the supplier/manufacturer.

Other information : Compiled by SDS-Chemie, Bente Frogner.

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