

# SAFETY DATA SHEET

In accordance with 1907/2006 annex II 2015/830 and 1272/2008  
(All references to EU regulations and directives are abbreviated into only the numeric term)  
Revision date 2019-05-06  
Replaces issued SDS 2017-05-10  
Version number 4.0



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

### 1.1. Product identifier

Trade name Uponor Smörjmedel

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

Identified uses Grease  
Lubricants

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

Company ILS Nordic AB  
Box 2088  
194 02 Upplands Väsby  
Sweden  
Telephone 08-39 10 05  
E-mail kundservice@ilsnordic.se

### 1.4. Emergency telephone number

Acute cases: Call 112, request poison information.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Upon assessment, this mixture is not classified as hazardous according to 1272/2008

### 2.2. Label elements

Hazard pictogram Not applicable  
Signal word Not applicable  
Hazard statement Not applicable

### 2.3. Other hazards

Note for high pressure applications: injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency.  
See section 4.3.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

The product contains no substances, nor concentration levels thereof, that require marking or that need to be declared.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Upon breathing in

Allow the injured person to rest in a warm place with fresh air, if symptoms persist seek medical attention.

#### Upon eye contact

Remove contact lenses immediately if possible.  
Rinse eyes with plenty of water. If symptoms persist, seek medical advice.

#### Upon skin contact

Wash the skin with soap and water.  
If symptoms occur, contact a physician.  
Remove contaminated clothes.

#### Upon ingestion

DO NOT induce vomiting.  
If symptoms persist contact a doctor.

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

See section 11.

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

Symptomatic treatment.

Note: High Pressure Applications Injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency. Injuries may not appear serious at first but within a few hours tissue becomes swollen, discoloured and extremely painful with extensive subcutaneous necrosis. Surgical exploration should be undertaken without delay. Thorough and extensive debridement of the wound and underlying tissue is necessary to minimise tissue loss and prevent or limit permanent damage. Note that high pressure may force the product considerable distances along tissue planes.

## **SECTION 5: Fire-fighting measures**

### **5.1. Extinguishing media**

#### **Recommended extinguishing agents**

Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

#### **Unsuitable extinguishing agents**

May not be extinguished with water dispersed under high pressure.

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

The product is not hazardous in the flammable sense.

In case of fire, high pressure may build up causing the packaging to explode.

In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed.

### **5.3. Advice for fire-fighters**

Protective measures should be taken regarding other material at the site of the fire.

In case of fire use a respirator mask.

Wear full protective clothing.

## **SECTION 6: Accidental release measures**

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

Avoid inhalation and exposure to skin and eyes.

Keep unauthorized and unprotected people at a safe distance.

Use recommended safety equipment, see section 8.

Note that there is a risk of slipping if product is leaking/spilling.

Ensure good ventilation.

### **6.2. Environmental precautions**

Avoid discharge into soil, water or sewers.

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

Absorb the liquid with an inert absorbent, vermiculite, for example. Collect the material for disposal at a waste disposal facility.

### **6.4. Reference to other sections**

See section 7, 8 and 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Store this product separately from food items and keep it out of the reach of children and pets.

Use point evacuation, fume cupboard or a similar process ventilation when working with this product.

Do not eat, drink or smoke in premises where this product is handled.

Take off work clothes and protective gear before meals.

Wash your hands after using the product.

Remove contaminated clothing.

Wash contaminated clothing before reuse.

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

Always use sealed and visibly labeled packages.

Store tightly, in original packaging.

Store in a well-ventilated space.

Store in a cool and dry place (above freezing temperature and not greater than 30°C).

Do not store close to incompatible materials (see section 10.5).

### 7.3. Specific end uses

See identified uses in Section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National limit values

#### SILICON DIOXIDE

#### United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 0.1 mg/m<sup>3</sup> (Resirable dust)

#### DNEL

No data available.

#### PNEC

No data available.

### 8.2. Exposure controls

In terms of minimizing risks, no special attention is needed for this product besides the general obligations that follow EU directive 89/391 and national occupational legislation.

#### 8.2.1. Appropriate engineering controls

Handle in premises which have modern ventilation standards.

#### Eye/face protection

Use protective glasses, safety goggles, or a visor.

#### Skin protection

Protective gloves are normally not needed due to the properties of this product, but may be necessary for other reasons, e.g. mechanical risks, temperature conditions or microbiological risks.

Special measures for protection of the skin are necessary only in rare working situations. In case of doubt, consult occupational expertise. Show this safety data sheet.

#### Respiratory protection

Use proper protective breathing equipment in case of insufficient ventilation.

#### 8.2.3. Environmental exposure controls

For limitation of environmental exposure, see Section 12.

## SECTION 9: Physical and chemical properties

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

a) Appearance	Form: grease. Colour: blue.
b) Odour	mildly
c) Odour threshold	Not indicated
d) pH	Not indicated
e) Melting point/freezing point	Not indicated
f) Initial boiling point and boiling range	Not indicated
g) Flash point	Not indicated
h) Evaporation rate	Not indicated
i) Flammability (solid, gas)	Not applicable
j) Upper/lower flammability or explosive limits	Not indicated
k) Vapour pressure	Not indicated
l) Vapour density	Not indicated
m) Relative density	Not indicated
n) Solubility	Solubility in water: Insoluble
o) Partition coefficient: n-octanol/water	Not applicable
p) Auto-ignition temperature	Not indicated
q) Decomposition temperature	Not indicated
r) Viscosity	Not indicated
s) Explosive properties	Not applicable
t) Oxidising properties	Not applicable

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

### 10.2. Chemical stability

The product is stable at normal storage and handling conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

Protect from heat and direct sunlight.

### 10.5. Incompatible materials

Avoid contact with oxidizers.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

The product is not classified as toxic.

Ingestion of large quantities can lead to nausea and vomiting.

### Acute toxicity

The product is not classified as acutely toxic.

### Skin corrosion/irritation

Can have a drying effect on the skin and repeated or prolonged contact may lead to skin irritation.

### Serious eye damage/irritation

The mixture is judged as a whole and is classified to be neither corrosive nor irritant to the eyes. Mild irritation may occur on prolonged or repeated exposure.

### Respiratory or skin sensitisation

The product does not contain any known allergens.

### Germ cell mutagenicity

No mutagenic effects have been reported for the substance in this mixture.

### Carcinogenicity

No carcinogenic effects have been reported for the substances in this product.

### Reproductive toxicity

No toxic effects to reproduction have been reported for the substances in this mixture.

### STOT-single exposure

No known hazards for occasional exposure.

### STOT-repeated exposure

No known hazards for repeated exposure.

### Aspiration hazard

The product is not classified as being toxic for aspiration.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product, according to current criteria and based on available information, is considered not to be harmful to the environment.

Prevent release on land, in water and drains.

### 12.2. Persistence and degradability

The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

There is no information regarding bioaccumulation.

### 12.4. Mobility in soil

The product is not soluble in water.

### 12.5. Results of PBT and vPvB assessment

Not indicated.

### 12.6. Other adverse effects

No known effects or hazards.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste handling of the product

This product is not normally recycled. Empty packaging should be disposed of at a recycling centre where practically possible. The manufacturer is affiliated to REPA.

Discarded products must be disposed of as hazardous waste in accordance with regulations.

Avoid discharge into sewers.

Observe local regulations.

See also national waste regulations.

#### Classification according to 2008/98

Recommended LoW-code: 12 01 12 Spent waxes and fats

15 01 10 Packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

### 14.1. UN number

Not classified as dangerous goods

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

### 14.8 Other transport information

Not applicable

## SECTION 15: Regulatory information

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

Not indicated.

### 15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

## SECTION 16: Other information

### 16a. Indication of where changes have been made to the previous version of the safety data sheet

#### Revisions of this document

Earlier versions

2017-05-10 Changes in section(s) 5, 6, 7, 8, 10, 11, 12, 13.

### 16b. Legend to abbreviations and acronyms used in the safety data sheet

#### Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA The International Air Transport Association

### 16c. Key literature references and sources for data

#### Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2019-05-06.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

#### Full texts for Regulations mentioned in this Safety Data Sheet

- 1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
- 2015/830 COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- 1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- EH40/2005 EH40/2005 Workplace exposure limits
- 89/391 COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work
- 2008/98 DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives
- 1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

### 16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

### 16e. List of relevant hazard statements and/or precautionary statements

### 16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

#### Warning for misuse

Not indicated.

#### Other relevant information

Not indicated

**Editorial information**

This material safety data sheet has been prepared and checked by KemRisk®, KemRisk Sweden AB, Platensgatan 8, SE-582 20 Linköping, Sweden, [www.kemrisk.se](http://www.kemrisk.se)