

# SAFETY DATA SHEET



Product name: Rustproof LT  
Supersedes date: 2019-12-17  
Product No.: I6425

Page: 1/12  
Last revised date: 2021-05-31  
SDS-ID: EU-EN/4.0

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name: Rustproof LT

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

Application: Anticorrosive oil

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

Supplier: YX Smørelolie A/S  
Buddingevej 195  
DK-2860 Søborg  
Tel:+45 7011 5678  
teknik@yxlube.dk  
<https://yxlube.dk/>

Supplier: YX Smørelolie AS  
Lysaker Torg 35  
NO-1366 Lysaker  
Tel:+47 04210  
olje@yx.no  
<https://olje.yx.no>

Responsible for safety data sheet authoring: teknik@yxlube.dk

### 1.4. Emergency telephone number

Emergency telephone: Poison Control Centers may be available in specific member countries.

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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

CLP: The product is classified: Asp. Tox. 1;H304

### 2.2. Label elements



Danger

Contains: Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

H304 May be fatal if swallowed and enters airways.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P501 Dispose of content/container in accordance with local, regional, national and international regulations.

Contains Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkyl derivs. para-, calcium salts May produce an allergic reaction. Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

PBT/vPvB: This product does not contain any PBT or vPvB substances.

Other: Degreasing to skin. Prolonged or repeated contact with skin may cause redness, itching, irritation, eczema, skin cracking and oil acne. The harmful effects may increase in used oil.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

The product contains: mineral oil (DMSO-content < 3%) and additives.

CLP:

%:	CAS-No.:	EC No.:	REACH Reg. No:	Chemical name:	Hazard classification:	Notes:
90-100	-	926-141-6	-	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Asp. Tox. 1;H304 EUH066	
1-3	-		-	Mineral Oil	Asp. Tox. 1;H304	
0,01-1	-	947-519-7	-	Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkyl derivs. para-, calcium salts	Skin Sens. 1B;H317	

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## Chemical name:

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics -  
Mineral Oil -  
Reaction products of benzenesulfonic acid, mono-C20-24 (even)-sec-alkyl derivs. para-, calcium salts Skin Sens. 1B;H317: C ≥ 10%

References: The full text for all hazard statements is displayed in section 16.

## **SECTION 4: FIRST AID MEASURES**

### **4.1. Description of first aid measures**

Inhalation: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring along these instructions. In case of persistent throat irritation or coughing or after inhalation of oil mist: Seek medical attention and bring along these instructions.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Immediately rinse mouth and drink 1-2 glasses of water. Keep person under observation. If uncomfortable: Transportation to hospital. Bring along these instructions.

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

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure.

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

Medical attention/treatments: Treat symptomatically.

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## SECTION 5: FIREFIGHTING MEASURES

### **5.1. Extinguishing media**

Extinguishing media: Small fires: Extinguish with carbon dioxide or dry powder.  
Larger fires: Extinguish with foam, carbon dioxide or dry powder.

Do not use water jet as an extinguisher, as this will spread the fire.

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

Closed containers can burst violently when heated, due to excess pressure build-up.

Specific hazards: During fire, gases hazardous to health may be formed. (Carbon oxides).

### **5.3. Advice for firefighters**

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Personal precautions: Avoid inhalation of vapours and spray mist and contact with skin and eyes.  
Follow precautions for safe handling described in this safety data sheet.

### **6.2. Environmental precautions**

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

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

Stop leak if possible without risk.

Methods for cleaning up: Absorb in vermiculite, dry sand or earth and place into containers. Clean contaminated area with oil-removing material.

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

References: For personal protection, see section 8.  
For waste disposal, see section 13.

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## SECTION 7: HANDLING AND STORAGE

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

Safe handling advice: Observe good chemical hygiene practices. Avoid inhalation of vapours and contact with skin and eyes. Avoid prolonged and repeated contact with oil, particularly used oil. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

Technical measures: Use work methods which minimise oil mist production.

Technical precautions: When working with heated oil, mechanical ventilation may be required.

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

Storage conditions: Follow the rules for storage of flammable products.  
Store in tightly closed original container in a dry, cool and well-ventilated place.  
Keep separate from food, feedstuffs, fertilisers and other sensitive material.  
Containers, which are opened, must be carefully resealed and kept upright to prevent leakage.

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

Specific use(s): Not relevant.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

EU: No occupational exposure limit assigned.  
Please note that there may be national occupational exposure limits.

### **8.2. Exposure controls**

Engineering measures: Provide adequate ventilation and minimize the risk of inhalation of vapours and oil mist. Provide access to washing facilities incl. soap, skin cleanser and fatty cream.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: In case of inadequate ventilation or risk of inhalation of oil mist, suitable respiratory equipment with combination filter (type A2/P3) can be used.

Hand protection: Wear protective gloves. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Breakthrough time: 60min.  
Other types of gloves can be recommended by the glove supplier.

Eye protection: If risk of splashing, wear safety goggles or face shield.

Skin protection: Wear apron or protective clothing in case of splashes.

Hygiene measures: Wash hands after contact. Wash contaminated clothing before reuse. Wash hands after handling.

Environmental Exposure Controls: Not available.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<u>Physical state:</u>	Brownish oily liquid
<u>Odour:</u>	Hydrocarbon.
<u>Odour threshold:</u>	Not available.
<u>pH:</u>	Not available.
<u>Melting point / freezing point:</u>	Not available.
<u>Boiling point:</u>	Not available.
<u>Flash point:</u>	88 °C(ASTM D92) OC (Open cup).
<u>Evaporation rate:</u>	Not available.
<u>Explosion limits:</u>	Not available.
<u>Vapour pressure:</u>	Not available.
<u>Vapour density:</u>	Not available.
<u>Relative density:</u>	0,82 g/cm <sup>3</sup>
<u>Solubility:</u>	insoluble in water
<u>Partition coefficient (n-octanol/water):</u>	Not available.
<u>Auto-ignition temperature (°C):</u>	Not available.
<u>Decomposition temperature (°C):</u>	Not available.
<u>Viscosity:</u>	2.1 cSt (40 °C)
<u>Explosive properties:</u>	Not available.
<u>Oxidising properties:</u>	Not available.

### 9.2. Other information

<u>Other data:</u>	Not available.
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## SECTION 10: STABILITY AND REACTIVITY

### **10.1. Reactivity**

Reactivity: None known.

### **10.2. Chemical stability**

Stability: Stable under normal temperature conditions.

### **10.3. Possibility of hazardous reactions**

Hazardous Reactions: None under normal conditions.

### **10.4. Conditions to avoid**

Conditions/materials to avoid: None in particular.

### **10.5. Incompatible materials**

Incompatible materials: Strong oxidizing substances.

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

Hazardous decomposition products: None under normal conditions.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

The harmful effects may increase in used oil.

<u>Acute Toxicity (Oral):</u>	Based on available data, the classification criteria are not met.
<u>Acute Toxicity (Dermal):</u>	Based on available data, the classification criteria are not met.
<u>Acute Toxicity (Inhalation):</u>	Based on available data, the classification criteria are not met.
<u>Skin Corrosion/Irritation:</u>	Based on available data, the classification criteria are not met.
<u>Serious eye damage/irritation:</u>	Based on available data, the classification criteria are not met.
<u>Respiratory or skin sensitisation:</u>	Based on available data, the classification criteria are not met.
<u>Germ cell mutagenicity:</u>	Based on available data, the classification criteria are not met.
<u>Carcinogenicity:</u>	Based on available data, the classification criteria are not met.
<u>Reproductive Toxicity:</u>	Based on available data, the classification criteria are not met.
<u>STOT - Single exposure:</u>	Based on available data, the classification criteria are not met.
<u>STOT - Repeated exposure:</u>	Based on available data, the classification criteria are not met.
<u>Aspiration hazard:</u>	May be fatal if swallowed and enters airways.

Inhalation: Inhalation of oil mist or vapours formed during heating of the product will irritate the respiratory system and provoke coughing. Vapours may irritate throat and respiratory system and cause coughing. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Skin contact: The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals. Prolonged or frequent contact may cause redness, itching, irritation, eczema, skin cracking and oil acne.

Eye contact: May cause slight irritation, redness, stinging or excess tearing. Splashes may irritate.

Ingestion: May be fatal if swallowed and enters airways. Be aware that symptoms of chemical pneumonia may occur several hours after exposure.

Specific effects: Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.  
Frequent inhalation of even small concentrations may cause irritability, fatigue and memory failure and eventually permanent damage to the nervous system, including the brain.

Toxicological data: Mineral Oil:  
NOAEL (oral, rat):  $\geq 2000$  mg/kg (13weeks)  
LOAEL (oral, Rat): 125 mg/kg (13 weeks)  
NOAEL (inhalation, rat):  $> 980$  mg/m<sup>3</sup> (4 weeks)

### 11.2. Information on other hazards

Endocrine disrupting properties: The product contains no substances identified as having endocrine disrupting properties in humans.

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## SECTION 12: ECOLOGICAL INFORMATION

### **12.1. Toxicity**

Oil spills are generally hazardous to the environment.

Ecotoxicity: There are no data on the ecotoxicity of this product.

### **12.2. Persistence and degradability**

Degradability: The product is expected to be slowly biodegradable.

### **12.3. Bioaccumulative potential**

Bioaccumulative potential: No data available on bioaccumulation.

### **12.4. Mobility in soil**

Mobility: The product is not miscible with water and will spread on the water surface. The product is non-volatile.

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

PBT/vPvB: This product does not contain any PBT or vPvB substances.

### **12.6. Endocrine disrupting properties**

Endocrine disrupting properties: The product contains no substances identified as having endocrine disrupting properties in aquatic organisms.

### **12.7. Other adverse effects**

Other adverse effects: None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: EWC-code: 13 08 02

Contaminated packaging: EWC-code: 13 08 02 or 15 01 10

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## SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

UN-No: -

### **14.2. UN proper shipping name**

Proper Shipping Name: -

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

Class: -

### **14.4. Packing group**

PG: -

### **14.5. Environmental hazards**

Marine pollutant: -

Environmentally Hazardous substance: -

### **14.6. Special precautions for user**

Special precautions: Not relevant.

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

Transport in bulk: Not relevant.

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## SECTION 15: REGULATORY INFORMATION

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

National regulation: 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, with amendments.

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 with amendments.

Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work, with amendments.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, with amendments.

Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work, with amendments.

Directive 2004/37/EC of the European Parliament and of the Council of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work, with amendments.

Directive 2009/148/EC of the European Parliament and of the Council of 30 November 2009 on the protection of workers from the risks related to exposure to asbestos at work, with amendments.

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work, with amendments.

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, with amendments.

2014/955/EC: Commission Decision of 18 December 2014 amending Decision 2000/532/EC as regards the list of wastes.

### **15.2. Chemical Safety Assessment**

CSA status: No chemical safety assessment has been carried out.

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## SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions. For restrictions on use see section 15.

### Handling of used oils:

Protect health - avoid prolonged and repeated skin contact. Wash with soap and water. Protect the environment - do not pollute drains, water courses or the soil. Contact your local authority for any used oil disposal instructions.

The following sections contain revisions or new statements: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16.

Abbreviations and acronyms used in the safety data sheet: CSA = Chemical Safety Assessment.  
LOAEL = Lowest-observed-adverse-effect level.  
NOAEL = No-observed-adverse-effect level.  
PBT = Persistent, Bioaccumulative and Toxic.  
SCL = Specific Concentration Limit.  
vPvB = very Persistent and very Bioaccumulative.

Additional information: Classification according to Regulation (EC) No. 1272/2008: Calculation method.

### Wording of H-statements:

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

EUH066 Repeated exposure may cause skin dryness or cracking.

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The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.  
[www.dhigroup.com](http://www.dhigroup.com).