

# SAFETY DATA SHEET



Product name: Moulding Oil 10  
Supersedes date: 2018-04-10  
Product No.: 60652

Page: 1/12  
Revision: 2019-12-13  
SDS-ID: EU-EN/4.1

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

### 1.1. Product identifier

Product name: Moulding Oil 10

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

Application: Lubricant. For industrial use.

### 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  
yxlube.dk

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

### 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: Asp. Tox. 1;H304

### 2.2. Label elements



Danger

Contains: Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil-unspecified, 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.

P260 Do not breathe mist/vapours/spray.

EUH066 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: The product is combustible, but not flammable. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Degreasing to skin. Not classified as dangerous to the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. Oil spills are generally hazardous to the environment.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

CLP:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
70-80	64742-54-7	265-157-1	-	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil-unspecified	Asp. Tox. 1;H304	L
10-20	-	926-141-6	-	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics	Asp. Tox. 1;H304 EUH066	

Notes: L: DMSO < 3% (IP 346)

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

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## SECTION 4: FIRST AID MEASURES

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

**Inhalation:** Move into fresh air and keep at rest. 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 plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

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

**Symptoms/effects:** Be aware that symptoms of chemical pneumonia may occur several hours after exposure.( Coughing, chest tightness, feeling of chest pressure.)  
See section 11 for more detailed information on health effects and symptoms.

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

**Medical attention/treatments:** Treat symptomatically.

## 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.

Cool containers exposed to heat with water spray and remove container, if no risk is involved.

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

**Specific hazards:** During fire, gases hazardous to health may be formed.

### **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.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Personal precautions: Avoid inhalation of oil 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. Contact local authorities in case of spillage to drain/aquatic environment.

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

Methods for cleaning up: Absorb spillage with oil-absorbing material. 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.

## SECTION 7: HANDLING AND STORAGE

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

Safe handling advice: Avoid inhalation of oil mist and contact with skin and eyes. 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. Observe good chemical hygiene practices.

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

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

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

Technical measures for safe storage: Follow rules for flammable liquids.

Storage conditions: Store in tightly closed original container in a well-ventilated place. Protect from direct sunlight and moisture. Do not store near heat sources or expose to high temperatures. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

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

Specific use(s): Not relevant.

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## 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**

<u>Engineering measures:</u>	Provide adequate ventilation. Minimize the risk of inhalation of vapours. Provide access to washing facilities incl. soap, skin cleanser and fatty cream.
<u>Personal protection:</u>	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
<u>Respiratory equipment:</u>	In case of inadequate ventilation or risk of inhalation of oil mist, suitable respiratory equipment with combination filter (type A2/P3) can be used.
<u>Hand protection:</u>	Wear protective gloves. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier.
<u>Eye protection:</u>	Risk of contact: Wear goggles/face shield.
<u>Skin protection:</u>	Wear apron or protective clothing in case of splashes.
<u>Hygiene measures:</u>	Wash hands after contact. Wash contaminated clothing before reuse.
<u>Environmental Exposure Controls:</u>	Not available.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance: Clear, yellowish liquid.

Odour: aliphatic hydrocarbons.

Odour threshold: Not available.

pH: Not relevant.

Melting point / freezing point: Not available.

Boiling point: > 190°C

Flash point: > 70°C

Evaporation rate: Not available.

Flammability (solid, gas): No data available.

Explosion limits: Not available.

Vapour pressure: Not available.

Vapour density: Not available.

Relative density: 0,80-0,85 g/cm<sup>3</sup> (15°C)

Solubility: Soluble in: Organic solvents.  
Soluble in:< 0,10% soluble in water.

Partition coefficient (n-octanol/water): Not available.

Auto-ignition temperature (°C): > 200°C

Decomposition temperature (°C): Not available.

Viscosity: Kinematic viscosity <= 20.5 mm<sup>2</sup>/s.

Oxidising properties: Not available.

### 9.2. Other information

Other data: 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 known.

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

Conditions/materials to avoid: Keep away from heat, sparks and open flame.

### **10.5. Incompatible materials**

Incompatible materials: Strong oxidizing substances.

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

Hazardous decomposition products: None in particular.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Acute Toxicity (Oral): Based on available data, the classification criteria are not met.

Acute Toxicity (Dermal): Based on available data, the classification criteria are not met.

Acute Toxicity (Inhalation): Based on available data, the classification criteria are not met.

Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.

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

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

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.

STOT - Single exposure: Based on available data, the classification criteria are not met.

STOT - Repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: 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. The product contains organic solvents. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

Skin contact: Degreasing. Repeated exposure may cause skin dryness or cracking.

Eye contact: Splashes may irritate.

Ingestion: May be fatal if swallowed and enters airways. Low order of acute toxicity, but aspiration following ingestion and vomiting may cause severe and potentially fatal chemical pneumonitis.

Specific effects: Prolonged or frequent inhalation of vapours in high concentrations may cause permanent damage to the nervous system, including the brain.

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## SECTION 12: ECOLOGICAL INFORMATION

### **12.1. Toxicity**

Ecotoxicity: Oil spills are generally hazardous to the environment. The product is not miscible with water and will spread on the water surface.

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

Degradability: The product is expected to be easily biodegradable.

### **12.3. Bioaccumulative potential**

Bioaccumulative potential: Bioaccumulation: Is not expected to be bioaccumulable.

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

Mobility: The product is non-volatile.

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

PBT/vPvB: Not relevant.

### **12.6. Other adverse effects**

Other adverse effects: Not classified as dangerous to the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

## 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: If recycling is not possible, dispose of in compliance with local regulations.  
EWC-code: 12 01 19

Contaminated packaging: EWC-code: 12 01 19 or 15 01 10

Empty packaging: Recover and reclaim or recycle, if practical.

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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: None known.

### **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 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.  
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.  
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.  
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.

The following sections contain revisions or new statements: 1.

Abbreviations and acronyms used in the safety data sheet: CSA= Chemical Safety Assessment.  
PBT = Persistent, Bioaccumulative and Toxic.  
vPvB = very Persistent and very Bioaccumulative.

Additional information: Classification according to Regulation (EC) No. 1272/2008:  
Health Hazards: On basis of test data.

### Wording of H-statements:

H304 May be fatal if swallowed and enters airways.

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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, Artens Allé 5, DK-2970 Hørsholm, Denmark.  
[www.dhigroup.com](http://www.dhigroup.com).