

# SAFETY DATA SHEET

## 1. Identification of the substance/preparation and of the company/undertaking

### 1.1. Product identifier

Trade name Danish oil  
Product code 259

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

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

**Supplier** Leather Master Scandinavia  
Klangfärgsgatan 16  
SE-426 52 Västra Frölunda  
Sweden  
Phone: +46 (0)31 69 51 50  
Fax: +46 (0)31 29 70 35  
web page: [www.leathermaster.se](http://www.leathermaster.se)  
**Issuer** Åke Beckman  
[ake.beckman@leathermaster.se](mailto:ake.beckman@leathermaster.se)

### 1.4. Emergency telephone number

In case of medical emergency call 112

Revision date ..... 2017-07-03

Supersedes..... 2016-11-22

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to EC Regulation (Nr 1272/2008)

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.2. Label elements

Labelling according to EC Regulation (Nr 1272/2008)

Hazard pictogram(s) :

**Signal word** : --  
**Contains:** : --  
**Hazard Statement** : EUH066 Repeated exposure may cause skin dryness or cracking.  
EUH208 Contains 2-Butanone oxime. May produce an allergic reaction  
**Precautionary Statement** : P102 Keep out of reach of children.  
**Response:** P302+P352  
P332+P313  
**Storage/Disposal:** --

### 2.3. Other hazards

# Safety Data Sheet

## Danishoil

Revision date 2017-07-03

When spray applying see section 8. Contains drying oils. Risk of spontaneous combustion of contaminated rags, cotton waste, etc. Used rags etc. should be placed in water or burnt.

### 3. Composition/information on ingredients

#### 3.2. Mixtures

Substances	CAS-nr. EC-nr. Registrationnr.	Percentage %	Classification EC Regulation Nr 1272/2008		Note
Distillates (petroleum), hydrotreated light*	64742-47-8 265-149-8 --	30-50	Asp. Tox. 1	H304 EUH066	1, 2
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics *	64742-48-9 265-150-3 01-2119457273-39	50-60	Asp. Tox. 1	H304 EUH066	1, 2
2-Butoxyethanol	111-76-2 203-905-0 --	0,1-1	Acute Tox 4 oral Acute Tox 4 dermal Skin Irrit 2 Eye Irrit 2 Acute Tox 4 vapour	H312 H302 H315 H319 H332	1, 2
2-Butanone oxime	96-29-7 202-496-6 --	0,1-0,3	Flam Liq 3 Acute Tox 4 dermal Skin Sens 1 Eye Dam 1 Carc 2	H226 H312 H317 H318 H351	1

\* Benzene content <0.1%.

For the detailed text of the H-phrases mentioned in this section, see section 16.

Explanation of Notes.:

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT under Regulation (EC) No 1207/2006, Annex XIII

[4] Substance meets the criteria for vPvBs under Regulation (EC) No 1207/2006, Annex XIII

### 4. First aid measures

#### 4.1. Description of first aid measures

General .....	In all cases of doubt, or when symptoms persist, seek medical attention Never give anything by mouth to an unconscious person.
Inhalation .....	Remove to fresh air, keep patient warm and at rest, if breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.
Skin contact .....	Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.
Eye contact .....	Remove contact lenses, irrigate copiously with tepereated clean, fresh water for at least 5 minutes, holding the eyelids apart and seek medical advice.
Ingestion .....	DO NOT INDUCE VOMITING if swallowed a petroleum-based product. Risk of aspiration and chemical pneumonitis. Immediately to the doctor, hospital if more than an insignificant amount has been swallowed. Rest.

# Safety Data Sheet

## Danishoil

Revision date 2017-07-03

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

No specific symptoms.

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

No special treatment is required.

---

## 5. Firefighting measures

### 5.1. Extinguishing media

Recommended extinguishing media : alcohol resistant foam, CO<sub>2</sub>, powders, water spray. Do not use water jet.

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

Fire will produce dense black smoke. Decomposition products can be hazardous. At high temperatures create: Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), smoke, nitrogen gases (NO<sub>x</sub>).

### 5.3. Advice for firefighters

Appropriate breathing apparatus may be required. Closed containers exposed to fire should be cooled with water. Do not allow run-off from fire fighting to enter drains or water courses.

---

## 6. Accidental release measures

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

Refer to protective measures listed in sections 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

### 6.4. Reference to other sections

Not applicable

---

## 7. Handling and storage

### 7.1. Precautions for safe handling

The vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentrations higher than the occupational exposure limits. Avoid spilling, skin and eye contact.

The product should not be used near open flames or other sources of ignition. Use explosion-proof electrical equipment. The product may charge electrostatically. Always earth when transferring from one container to another.

Keep tightly closed and away from heat and open flame. Do not use tools that can cause sparks.

Avoid spilling, skin and eye contact. Avoid breathing dust, particulates and spray mist during application. Avoid inhalation of dust.

Smoking, eating and drinking should be prohibited in application area. Remove contaminated clothing and protective gear before you get to an area where meals are taken.

For personal protection see Section 8.

Never use pressure to empty : container is not a pressure vessel.

# Safety Data Sheet

## Danishoil

Revision date 2017-07-03

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

Always keep in containers of same material as the original one.

Comply with the health and safety at work laws.

Store in accordance with applicable regulations for good chemical practice. Please note the instructions on the label. Store between 5 and 20 ° C in a dry and well ventilated place away from heat and direct sunlight.

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### 7.3. Specific end use(s)

Not applicable.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

For the following substances in the product is an exposure limit in accordance with current Swedish National Board of Occupational Exposure Limit List, see under heading 3 substances that are marked with 2 below note

<u>Substance</u>	<u>Cas.nr.</u>	<u>(8-hour TWAs)</u> (15 minute reference period)	<u>Not*</u>
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9	1200 mg/m3	--
Distillates (petroleum), hydrotreated light	64742-47-8	1200 mg/m3	
2-Butoxyethanol	111-76-2	123 mg/m3	246 mg/m3 Sk, BMGV

### 8.2. Exposure controls

#### Ventilation

Use with adequate ventilation. If possible this should be achieved by local extraction and good exhaust ventilation.

#### Respiratory

Respiratory equipment with gas filter A (brown) must be used if air concentration exceeds acceptable level. When spraying, use also filter P2 (II b) against spray.

#### Gloves

For prolonged or repeated contact use gloves made of eg neoprene (1-4 hour) or nitrile (> 4 hours). Instructions and information from the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect the skin, they should however not be applied once exposure has occurred.

#### Eye protection

At the risk of splashing, close-fitting goggles or face shield.

#### Skin Protection

Use anti-static clothing made of natural fibers or heat-resistant synthetic fibers.

## 9. Physical and chemical properties

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

<b>Appearance</b>	Coloured liquid
<b>Odour</b>	Mild
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not determined.

# Safety Data Sheet

## Danishoil

Revision date 2017-07-03

<b>Melting point/freezing point °C</b>	Not determined.	
<b>Initial boiling point and boiling range °C</b>	Not determined.	
<b>Evaporation rate</b>	Not determined.	
<b>Flammability (solid, gas)</b>	Not determined.	
<b>Vapour pressure</b>	Not determined.	
<b>Vapour density</b>	Not determined.	
<b>Partition coefficient: n-octanol/water</b>	Not determined.	/of substance...
<b>Auto-ignition temperature</b>	Not determined.	
<b>Decomposition temperature</b>	Not determined.	/of substance...
<b>Viscosity</b>	50-60 cSt. (40°C).	
<b>Explosive properties</b>	Not determined.	/of substance...
<b>Oxidising properties</b>	Not determined.	
<b>Solubility(ies) (g/100g H<sub>2</sub>O, 20°C)</b>	Not determined.	/of substance...
<b>Relative density (g/ml)</b>	0,9	<b>Temperature (°C):</b> 20
<b>Flash point (°C)</b>	>93	<b>Method:</b> Closed cup
<b>Flammability or explosive limits, lower (%)</b>	Not determined.	
<b>Flammability or explosive limits, upper (%)</b>	Not determined.	

### 9.2. Other information

VOC (Cat A/f): 700g/l(2010)

Product VOC: <700g/l

## 10. Stability and reactivity

### 10.1. Reactivity

Not reactive

### 10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

### 10.3. Possibility of hazardous reactions

No dangerous reactions if handled according to Technical Information.

### 10.4. Conditions to avoid

Not applicable.

### 10.5. Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### 10.6. Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

# Safety Data Sheet

## Danishoil

Revision date 2017-07-03

### 11. Toxicological information

#### 11.1. Information on toxicological effects

a) Acute toxicity.

Preparation is not classified as hazardous.

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	LD50 oral, rat	>5000 mg/kg
	LD50 dermalt, rabbit	>500 mg/kg
	LC50 4h inhalation rat	>5 mg/l
Distillates (petroleum), hydrotreated light 2-Butoxyethanol	LD50 oral, rat	>2000 mg/kg
	LD50 oral, rat	470 mg/kg
	LD50 dermalt, rabbit	220 mg/kg
	LC50 4h inhalation rat	2,211 mg/l
2-Butanone oxime	LC50 7h inhalation rat	700 ppmV
	LD50 oral, rat	3700 mg/kg
	LD50 dermalt, rabbit	200-2000 mg/kg
	LC50 4h inhalation rat	20 mg/l

b) Skin corrosion/irritation.

No information available.

c) Serious eye damage/irritation.

May cause irritation and reversible damage eye splash.

d) Respiratory or skin sensitisation.

May cause an allergic skin reaction. Repeated or prolonged contact may degrease the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

e) Germ cell mutagenicity.

Not considered to be mutagenic.

f) Carcinogenicity.

Not considered to be carcinogenic.

g) Rreproductive toxicity.

No information available.

h) STOT-single exposure.

No information available.

i) STOT-repeated exposure.

No information available.

j) Aspiration hazard.

When spray painting see section 8.

#### Health hazards, general

There is no data available on the product itself. The preparation has been assessed and classified according to EU regulations.

#### Inhalation

Inhalation of high concentrations or frequent inhalation of even small amounts of organic solvents may result in damage on kidneys, liver and central nervous system (here the brain).

#### Ingestion

Ingestion may cause nausea and vomiting. Chemical pneumonia can occur while vomiting resulting in solvents reaches the lungs.

#### Skin contact

Degrease the skin. Prolonged or frequent skin contact may cause irritation, dry skin, cracking, and possibly dermatitis.

#### Eye Contact

Can be irritating and may cause redness and pain.

#### Health warnings

Enhances the allergy risk of other substances.

### 12. Ecological information

There is no data available on the product itself.

#### 12.1. Toxicity

# Safety Data Sheet

## Danishoil

Revision date 2017-07-03

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	LC50 (96h) Fish	>1000 mg/l	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
	EC50 (48h) Daphnia magna	>1000 mg/l	
	EC50 (72h) Alge	>1000 mg/l	
Distillates (petroleum), hydrotreated light	LC50 (96h) Fish	>100 mg/l	
	EC50 (48h) Daphnia magna	>100 mg/l	
	EC50 (72h) Alge	>100 mg/l	
2-Butoxyethanol	LC50 (48h) Fisk Lepomis macrochirus	>820 mg/l	
2-Butanone oxime	LC50 (96h) Fish	100 mg/l	
	EC50 (48h) Daphnia magna	>201 mg/l	
	EC50 (72h) Alge	11,8 mg/l	

### 12.2. Persistence and degradability

Produkten	Information on persistence and degradability is missing but there is no reason to assume that the product is difficult to degrade..
-----------	---

### 12.3. Bioaccumulative potential

Product	Data on bioaccumulation is missing but there is no reason to dispute this.
---------	--

### 12.4. Mobility in soil

Product	For large spills to the ground is a risk that the product penetrates down through the soil and damage the ground water. The heavier hydrocarbons (with log Pow > 3) can be absorbed into soil or sediment.
---------	--

### 12.5. Results of PBT and vPvB assessment

Not classified as PBT / vPvB of current EU criteria.

### 12.6. Other adverse effects

No information available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

The waste of this product is classified hazardous with EWC code 08 01 11. The end EWC code depends on the use.

Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply

#### Instructions for emptying steel drums

Drums to be deposited for recycling must be drained carefully.

Evacuation must be effected at a temperature > 15 ° C. Cap- and slit drum emptied by turning them upside-down. Drum should be slightly inclined (about 10 degrees) with a slit (opening) in the lowest position. Let the last residue of the product to flow out until the drum is drip free.

High viscosity products may require scraping. The scraping must take into account other information in this SDS.

## 14. Transport information

### General

Transport in accordance with national law and ADR for road, RID for rail, IMDG for sea and ICAO / IATA for air. For complete information on transport, see transport document.

# Safety Data Sheet

## Danishoil

Revision date 2017-07-03

### Transportetikett

- 14.1. UN number: --  
ADR/RID
- 14.2. UN proper shipping name: --
- 14.3. Transport hazard class(es): --
- 14.4. Packing group: --  
Labels (ADR/RID): --  
Tunnel restriction code: --

### IMDG

- 14.2. UN proper shipping name: --
- 14.3. Transport hazard class(es): --
- 14.5. Packing group: --  
Labels (IMDG): -
- 14.6. Environmental hazards: --  
EmS Nr.: --
- Marine Pollutant: No

### ICAO/IATA

- 14.2. UN proper shipping name: --
- 14.3. Transport hazard class(es): --
- 14.7. Packing group: --  
Labels (ICAO): --
- 14.6. Special precautions for user: --
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: --

---

## 15. Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
Classification and labeling of product according to Regulation (EC) 1272/2008 (CLP) is in section 2.  
Classification and labeling of substances according to Regulation (EC) 1272/2008 (CLP) is in section 3.  
Safety is designed according to EU Commission Regulation No. 1907/2006.  
VOC (Cat A/f): 700g/l(2010)  
Product VOC: <700g/l
- 15.2 Chemical safety assessment**  
Chemical safety assessment has not been made for the mixture.

---

## 16. Other information

Full text of H-phrases appearing in section 3:  
H304 May be fatal if swallowed and enters airways.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
H312 Harmful in contact with skin.  
H302 Harmful if swallowed.  
H332 Harmful if inhaled.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H226 Flammable liquid and vapour.  
H318 Causes serious eye damage.



# **Safety Data Sheet**

## **Danishoil**

**Revision date 2017-07-03**

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

---

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products' properties.