

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date: 29.08.2008

Revision: 29.08.2008

1 Identification of substance:

- **Product details:**
- **Trade name:** **NORDIC HÅNDSÆBE**
- **Application of the substance / the preparation** Hand detergent
- **Supplier/Manufacturer:**

NORDIC STALD KEMI Aps
Industriparken 15, Skodborg
6630 Rødding

- **Information department:** See supplier/manufacturer
- **Emergency information:** National Poisons Information Centre Tel.: +44 (0)870 6006266

2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EC" in the latest valid version.
R 36 Irritating to eyes.

- **Classification system:**

The classification was made according to the latest editions of the EU-lists, and expanded using company data and specialized literature.
The product is a cosmetic product which is not within the scope of the European regulations regarding the labelling of hazardous substances.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 61788-47-4 EINECS: 262-978-7	Fatty acids, coco Xi; R 36	2.5-10%
CAS: 51811-79-1	nonylphenol ethoxylate phosphate Xi; R 38-41-52/53	2.5-10%
CAS: 78-96-6 EINECS: 201-162-7 EU Number: 603-082-00-1	1-aminopropan-2-ol C; R 34	< 2.5%
CAS: 83016-76-6	Lauryl alcohol, polymer with oxirane, sulfuric acid ester, 2- hydroxy- 1- aminopropane salt Xi; R 36/38	< 2.5%
CAS: 26183-52-8 NLP: 500-045-6	Decan-1-ol, ethoxylated Xi; R 41	< 2.5%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

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(Contd. of page 1)

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** void
- **After skin contact:** Wash with water.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Never give anything by mouth to a unconscious person.
In case of unintentional swallowing of bigger quantities or if any symptoms occur seek medical treatment.
- **Information for doctor:**
- **The following symptoms may occur:** Local irritation symptoms
- **Treatment:** Symptomatic treatment

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
Dangerous decomposition product see chapter 10: stability and reactivity
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information:**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Person-related safety precautions:**
Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
Wear protective clothing.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Do not allow to penetrate the ground/soil.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Store container tightly sealed at a cool and dry place with sufficient ventilation.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from feed.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

(Contd. on page 3)

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(Contd. of page 2)

- **Storage class** 12 Non combustible liquids

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Do not eat or drink while working.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:** Not required.
- **Material of gloves:** -
- **Penetration time of glove material:** -
- **Eye protection:** Tightly sealed goggles.
- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

- **General Information**

Form:	Viscous
Colour:	Yellow
	Clear
Odour:	soapy

- **Change in condition:**

Melting point/Melting range: not determined
Boiling point/Boiling range: ~ 100°C
Setting temperature / range: -5°C

- **Flash point:** not applicable
- **Auto-ignition:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Vapour pressure at 20°C:** 23 hPa
- **Density at 20°C:** 1 g/cm³
- **Solubility in / Miscibility with Water:** Soluble
- **pH-value at 20°C:** 7

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Dangerous reactions:** No dangerous reactions known
- **Dangerous products of decomposition:**
In the case of fire or at high temperatures the formation of the following decomposition products is possible.

(Contd. on page 4)

Safety Data Sheet

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Carbon monoxide and carbon dioxide

(Contd. of page 3)

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No toxicity data are available for the product itself.
- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **Ecotoxicological effects:**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **Other information:** If used according to specifications no problems to be occur in sewage plants.
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
According to appendix 4 of VwVwS dated 17.05.1999 (German regulation)
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Danger to drinking water is possible if large quantities leak into the ground or into water course.

13 Disposal considerations

- **Product:**
- **Recommendation:**
Disposal according to instructions of local authorities.



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** No hazardous good according to the regulation.
- **Maritime transport IMDG:**
- **IMDG Class:** No hazardous good according to the regulation.
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** No hazardous good according to the regulation.

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(Contd. of page 4)

15 Regulations

- **Markings according to EC guidelines:**

As a cosmetic preparation, the product is not subject to the provisions of the Chemical Law and the Ordinance on Hazardous Materials. However, general safety regulations should be observed.

- **Code letter and hazard designation of product:**



Xi Irritant

- **Risk phrases:**

36 Irritating to eyes.

- **Safety phrases:**

23 Do not breathe vapour/aerosol.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

60 This material and its container must be disposed of as hazardous waste.

- **National regulations**

- **Technical guidance (air):**

- **Class Share in %**

• Wasser	76.7
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I	2.0
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- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Reasons for amendments:**

Regulation (EC) No. 1907/2006

Data on components

- **Relevant R-phrases:**

as mentioned in chapter 2 and 3 of the safety data sheet (not relevant for the labelling of the product)

34 Causes burns.

36 Irritating to eyes.

36/38 Irritating to eyes and skin.

38 Irritating to skin.

41 Risk of serious damage to eyes.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- **Department issuing MSDS:**

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- **Contact:** Angelika Torges

- *** Data compared to the previous version altered.**

Changes have been made to chapters marked with a *, as compared to the previous version.