

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

KLOSETVÆSKE

**Product no.**

4007

**REACH registration number**

Not applicable

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

**Relevant identified uses of the substance or mixture**

cleaning agent

Washing and Cleaning Products (including solvent based products) (PC 35)

Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at non-dedicated facilities (PROC 8a)

Consumer uses: Private households (= general public = consumers) (SU 21)

Professional uses: Public domain (administration, education, entertainment, services, craftsmen) (SU 22)

Wide dispersive indoor use of substances in closed systems (ERC9a )

**Uses advised against**

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The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Knud E. Dan A/S  
Lunikvej 40  
DK 2670 Greve  
Tlf: 43692422  
www.knudedan.dk

**Contact person**

Lars Bøgeholm

**E-mail**

lbj@knudedan.dk

**SDS date**

2016-09-07

**SDS Version**

1.0

### 1.4. Emergency telephone number

Use your national or local emergency number

See section 4 "First aid measures"

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Skin Irrit. 2; H315

Eye Dam. 1; H318

See full text of H-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)**



According to EC-Regulation 1907/2006 (REACH)

**Signal word**

Danger

**Hazard statement(s)**

Causes skin irritation. (H315)  
Causes serious eye damage. (H318)

**Safety statement(s)**

<p><b>General</b> <b>Prevention</b> <b>Response</b></p>	<p>Keep out of reach of children. (P102). Wear protective gloves/eye protection. (P280). Immediately call a POISON CENTER/doctor. (P310). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338).</p>
<p><b>Storage</b> <b>Disposal</b></p>	<p>- -</p>

**Identity of the substances primarily responsible for the major health hazards**

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

**2.3. Other hazards**

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**Additional labelling**

-

**Additional warnings**

**VOC**

-

**SECTION 3: Composition/information on ingredients**

**3.1/3.2. Substances/Mixtures**

NAME:	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides
IDENTIFICATION NOS.:	CAS-no: 68424-85-1 EC-no: 270-325-2
CONTENT:	3-5%
CLP CLASSIFICATION:	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1 H302, H312, H314, H318, H400 (M-acute = 10)

(\*) See full text of H-phrases in chapter 16. Occupational exposure limits are listed in section 8, if these are available.

**Other informations**

ATEmix(dermal) > 2000  
ATEmix(oral) > 2000  
Eye Cat. 1 Sum = Sum(Ci/S(G)CLi) = 1,2664 - 1,8996  
Skin Cat. 2 Sum = Sum(Ci/S(G)CLi) = 3,8 - 5,7  
N acute (CAT 1) Sum = Sum(Ci/M(acute))^25 = 0,152 - 0,228  
Detergent:  
0 - 5%: CATIONIC SURFACTANTS, EDTA AND SALTS THEREOF, PERFUMES

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

**Inhalation**

Get the person into fresh air and stay with them.

**Skin contact**

Remove contaminated clothing and shoes at once. Skin that has come in contact with the material must be washed thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact**

Remove contact lenses. Flush eyes with plenty of water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Contact a doctor at once.

**Ingestion**

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

**Burns**

Not applicable

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

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

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

IF exposed or concerned:  
Get immediate medical advice/attention.

**Information to medics**

Bring this safety data sheet.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Water jets should not be used, since they can spread the fire.

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

No special

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid direct contact with spilled substances. Avoid inhalation of vapours from waste material.

**6.2. Environmental precautions**

No specific requirements.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. Cleaning should be done as far as possible using normal cleaning agents. Solvents should be avoided.

**6.4. Reference to other sections**

See section on "Disposal" with regard to the handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Smoking, consumption of food or liquid, and storage of tobacco, food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

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

Always store in containers of the same material as the original. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

**Storage temperature**

No data available.

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

This product should only be used for applications described in Section 1.2

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

OEL

According to EC-Regulation 1907/2006 (REACH)

No substances listed.

**DNEL / PNEC**

No data available

**8.2. Exposure controls**

No control is necessary if the product is used in a normal way.

**General recommendations**

Observe general occupational hygiene.

**Exposure scenarios**

If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

**Exposure limits**

There are no maximum exposure limits for the substances contained in this product.

**Appropriate technical measures**

Take ordinary precautions when using the product. Avoid inhalation of gas or dust.

**Hygiene measures**

Whenever you take a break in using this product and when you have finished using it, all exposed areas of the body must be washed. Always wash hands, forearms and face.

**Measures to avoid environmental exposure**

Keep damming materials near the workplace. If possible collect spillage during work.

**Individual protection measures, such as personal protective equipment**



**Generally**

Use only CE marked protective equipment.

**Respiratory Equipment**

No specific requirements.

**Skin protection**

No specific requirements.

**Hand protection**

Recommended: Household gloves. See the manufacturer's instructions

**Eye protection**

Use safety glasses with a side shield.

**SECTION 9: Physical and chemical properties**

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

Form	Liquid
Colour	Blue
Odour	Characteristic
pH	10
Viscosity	No data available.
Density (g/cm <sup>3</sup> )	No data available.

**Phase changes**

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.

**Data on fire and explosion hazards**

Flashpoint (°C)	No data available.
Ignition (°C)	No data available.
Self ignition (°C)	No data available.
Explosion limits (Vol %)	No data available.

**Solubility**

Solubility in water	Soluble
n-octanol/water coefficient	No data available.

**9.2. Other information**

Solubility in fat (g/L)	No data available.
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**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available

**10.2. Chemical stability**

Shelf life: 24 months.

Shelf life after opening: 12 months.

**10.3. Possibility of hazardous reactions**

No special

**10.4. Conditions to avoid**

Do not expose to heat (e.g. sunlight), because it can lead to excess pressure.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reductants agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

Substance

Quaternary ammonium compounds,...

Species

Rat

Test

LD50

Route of exposure

Oral

Result

795 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation**

No data available.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity**

No data available.

**STOT-single exposure**

No data available.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

No data available.

**Long term effects**

Irritation effects: This product contains substances which cause irritation to skin and eyes, or when inhaled. Contact with locally irritative substances can cause the area of contact to be more prone to absorb damaging substances such as allergens.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Substance

Quaternary ammonium compounds,...

Quaternary ammonium compounds,...

Quaternary ammonium compounds,...

Species

Fish

Algae

Daphnia

Test

LC50

EC50

EC50

Duration

96 h

72 h

48 h

Result

0,85 mg/l

0,026 mg/l

0,016 mg/l

**12.2. Persistence and degradability**

Substance

Quaternary ammonium compounds,...

Biodegradability

Yes

Test

No data available

Result

No data available

**12.3. Bioaccumulative potential**

Substance

No data available.

Potential bioaccumulation

LogPow

BCF

According to EC-Regulation 1907/2006 (REACH)

**12.4. Mobility in soil**

No data available

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

No data available

**12.6. Other adverse effects**

This product contains ecotoxic substances which can have damaging effects on water-organisms.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

This product is not covered by the regulations on dangerous waste.

**Waste**

EWC code

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**Specific labelling**

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**Contaminated packing**

Packaging which contains leftovers from the product must be disposed of in the same way as the product.

**SECTION 14: Transport information****14.1 – 14.4**

Not listed as dangerous goods under ADR and IMDG regulations.

**ADR/RID**

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

Notes

-

Tunnel restriction code

-

**IMDG**

UN-no.

-

Proper Shipping Name

-

Class

-

PG\*

-

EmS

-

MP\*\*

-

Hazardous constituent

-

**IATA/ICAO**

UN-no.

-

Proper Shipping Name

-

Class

-

PG\*

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

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

No data available

(\*) Packing group

(\*\*) Marine pollutant

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

According to EC-Regulation 1907/2006 (REACH)

**Restrictions for application**

People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC.

**Demands for specific education**

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**Additional information**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Sources**

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

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

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 (CLP).

EC regulation 1907/2006 (REACH).

**15.2. Chemical safety assessment**

No

**SECTION 16: Other information****Full text of H-phrases as mentioned in section 3**

H302 - Harmful if swallowed.

H312 - Harmful in contact with skin.

H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

H400 - Very toxic to aquatic life.

**The full text of identified uses as mentioned in section 1**

PC 35 = Washing and Cleaning Products (including solvent based products)

PROC 8a = Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at non-dedicated facilities

SU 21 = Consumer uses: Private households (= general public = consumers)

SU 22 = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

ERC9a = Wide dispersive indoor use of substances in closed systems

**Other symbols mentioned in section 2**

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**Other**

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

**The safety data sheet is validated by**

Lars Bøgeholm

**Date of last essential change**

(First cipher in SDS version)

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**Date of last minor change**

(Last cipher in SDS version)

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