

# SAFETY DATA SHEET

in accordance with Commission Regulation (EU) No. 1907/2006

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Revision No: 5

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

### 1.1. Product identifier

**Product name:** KLEEN HYGIENE BUDESIN LOTIO HD

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

**Use of substance / mixture:** Hand decontamination preparation for professional users

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

**Company name:** KLEEN PURGATIS GmbH

Dieselstraße 10

D - 32120 Hiddenhausen

Deutschland

**Tel:** +49 (0)5223 - 9970-40

**Fax:** +49 (0)5223 - 9970-50

**Email:** info@kleen-purgatis.de

### 1.4. Emergency telephone number

**Emergency tel:** +49 (0)551 - 19240 (GIZ-Nord)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Flam. Liq. 3: H226; Aquatic Chronic 1: H410; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH208

**Classification under CHIP:** -: R10; Xi: R36; -: R52/53; -: R67

**Most important adverse effects:** Contains polyhexamethylenbiguanid hcl. May produce an allergic reaction. Flammable liquid and vapour. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects. May cause drowsiness or dizziness.

### 2.2. Label elements

#### Label elements under CLP:

**Hazard statements:** EUH208: Contains polyhexamethylenbiguanid hcl. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H319: Causes serious eye irritation.

H410: Very toxic to aquatic life with long lasting effects.

H336: May cause drowsiness or dizziness.

**Signal words:** Warning

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS09: Environmental



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**Hazard components for labelling:** Propan-2-ol

**Precautionary statements:** P102: Keep out of reach of children.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370+378: In case of fire: Use CO<sub>2</sub>, powder or water spray jet for extinction.

P312: Call a POISON CENTER or doctor if you feel unwell.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents to problem waste.

## 2.3. Other hazards

**Other hazards:** This product does not require labelling. (Kosmetikverordnung)

**PBT:** This substance is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

PROPAN-2-OL - REACH registered number(s): 01-2119457558-25-0000

EINECS	CAS	CLP Classification	Percent
200-661-7	67-63-0	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	25-50%

FATTY ACID AMIDOALKYLBETAINE - REACH registered number(s): -

EINECS	CAS	CLP Classification	Percent
263-058-8	61789-40-0	Eye Irrit. 2: H319; Aquatic Chronic 3: H412	1-5%

POLYHEXAMETHYLENBIGUANID HCL - REACH registered number(s): -

EINECS	CAS	CLP Classification	Percent
-	27083-27-8	Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Irrit. 2: H315	<1%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Consult a physician if problems persist.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

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

**Skin contact:** There may be irritation and redness at the site of contact. Has degreasing effect on the skin.

**Eye contact:** There may be irritation and pain.

**Ingestion:** Headaches or general malaise may result. May cause drowsiness.

[cont...]

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**Inhalation:** Drowsiness or mental confusion may occur.

**Delayed / immediate effects:** Immediate effects can be expected after long-term exposure.

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

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Water. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

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

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** not necessary. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

**Section 6: Accidental release measures**

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

**Personal precautions:** Provide adequate ventilation. Eliminate all sources of ignition.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Refer to section 13 of SDS for suitable method of disposal.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Always close containers tightly after the removal of product. Keep away from sources of ignition - No smoking.

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

**Storage conditions:** Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight. Keep away from food, drink and animal feedingstuffs. Storage class: 3A (Flammable liquids)

**Suitable packaging:** Must only be kept in original packaging.

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

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

[cont...]

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**Hazardous ingredients:**

**PROPAN-2-OL**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>	-	-

**8.2. Exposure controls**

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** not necessary.

**Eye protection:** Avoid contact with eyes.

**Skin protection:** Not applicable.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Alcoholic

**Oxidising:** Oxidising (by EC criteria)

**Solubility in water:** Miscible

**Viscosity:** Non-viscous

**Boiling point/range°C:** 85

**Melting point/range°C:** n.b.

**Flammability limits %: lower:** 2,0

**upper:** 12,0

**Flash point°C:** 23 - 55

**Part.coeff. n-octanol/water:** n.b.

**Autoflammability°C:** 425

**Vapour pressure:** 43 hPa

**Relative density:** 0,9 g/ml

**pH:** 5,5

**VOC g/l:** 50 %

**9.2. Other information**

**Other information:** Not applicable.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

[cont...]

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**10.4. Conditions to avoid**

**Conditions to avoid:** Sources of ignition. Flames.

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** No hazardous decomposition products known.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicity values:**

Route	Species	Test	Value	Units
2-Propanol: ORL	RAT	LD50	5045	mg/kg
VAPOURS	RAT	4H LC50	30	mg/l

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact. Has degreasing effect on the skin.

**Eye contact:** There may be irritation and pain.

**Ingestion:** Headaches or general malaise may result. May cause drowsiness.

**Inhalation:** Drowsiness or mental confusion may occur.

**Delayed / immediate effects:** Immediate effects can be expected after long-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** Not applicable.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** no data available.

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

**PBT identification:** This substance is not identified as a PBT substance.

**12.6. Other adverse effects**

**Other adverse effects:** No data available.

**Section 13: Disposal considerations**

[cont...]

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**13.1. Waste treatment methods**

**Disposal operations:** Dispose of waste according to applicable local, state and federal regulations.

**Waste code number:** 07 06 99

**Disposal of packaging:** May be reused following decontamination.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1993

**14.2. UN proper shipping name**

**Shipping name:** FLAMMABLE LIQUID, N.O.S. (Propan-2-ol)  
(Limited Quantity LQ: 5 Liter)

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

**Transport class:** 3

**14.4. Packing group**

**Packing group:** III

**14.5. Environmental hazards**

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 3

**Section 15: Regulatory information**

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

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

Data references: Safety data sheets from our raw material suppliers

**Classification for mixtures and used evaluation method according to article 9 of regulation (EC) 1272/2008 [CLP]:**

Calculation method

[cont...]

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**Phrases used in s.2 and 3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

R10: Flammable.

R36: Irritating to eyes.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.