

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH)



Art. 2772, HÄNDE-DES

Version: 6

Revision date: 28.03.2017

Date of print: 28.03.2017

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1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Identification / trade name: Art. 2772, HÄNDE-DES

REACH registration number: not notifiable

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance / mixture:

Hand decontamination

Details of the supplier of the safety data sheet

Supplier / Manufacturer: HWR-CHEMIE GmbH
Moosfeldstrasse 7
D-82275 Emmering

Telephone: 0049-8141-51030

Telefax: 0049-8141-510350

E-mail: info@hwr-chemie.de

Department responsible for information

Information contact: Laboratory

E-mail (competent person): infoSDB@hwr-chemie.de

Emergency phone Germany: 0049-8141-51030 (only during office hours)

2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3, H226; Eye Dam. 1, H318; STOT SE 3, H336

Label elements

Labelling according to Regulation (EC) No 1272/2008

This mixture is hazardous in the sense of regulation (EC) No 1272/2008.

Hazard pictograms



Signal word: Danger.

Hazard statements

H226 Flammable liquid and vapour.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

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Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat/open flames/hot surfaces. – No smoking.

P233 Keep container tightly closed.

P280 Wear protective gloves and eye/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

Hazard components for labeling

1-Propanol

3. Composition / information on ingredients

Chemical characterization

Mixture of disinfectants, surfactants, alcohol and thickener in water.

Hazardous ingredients

30-50 % 1-Propanol, CAS 71-23-8, Flam. Liq. 2, H225; Eye Dam. 1, H318; STOT SE 3, H336

< 1 % Didecyldimethylammoniumchlorid, CAS 7173-51-5, Acute Tox. 4, H302; Skin corr. 1B, H314; Aquatic Acute 1, H400

Remark

Full text of H-phrases: see section 16.

4. First aid measures

General informations: In all cases of doubt, or when symptoms persist, seek medical advice.

In case of inhalation: Remove from exposure site to fresh air.

In case of skin contact: Wash thoroughly with water.

In case of eye contact: Flush immediately with plenty of water. Contact physician if symptoms persist.

In case of ingestion: Do not induce vomiting, drink plenty of water and obtain medical advice.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media: water / foam / carbondioxide / dry chemical

Unsuitable extinguishing media: none known

Special hazards arising from the substance or mixture

In case of fire may be liberated: carbon oxides and low amounts of nitrogen oxides

Advice for fire-fighters

Wear self-contained breathing apparatus.

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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes.

Environmental precautions

Do not allow to enter undiluted into surface water or drains.

Methods and material for containment and cleaning up

Absorb with an absorbent material and dispose of according to local regulations.

Reference to other sections

Observe protective measures in sections 7 and 8.

7. Handling and Storage

Precautions for safe handling

Advices on safe handling

Eliminate all sources of ignition immediately, do not smoke.

Precautions against fire and explosion

Flammable vapour/air-mixtures may be formed.

Conditions for safe storage, including any incompatibilities

Information on storage conditions

Store in tightly closed original container in a dry and cool place.

Requirements for storage rooms and vessels

Keep containers tightly closed and store in a cool area.

8. Exposure controls / Personal protection

Control parameters

Does not contain substances fixing an occupational exposure limit.

Exposure controls

Technical measures

See section 7. No additional measures necessary.

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Personal protection equipment

Respiratory protection: No personal respiratory protective equipment normally required.
Hand protection: not applicable
Eye protection: Safety goggles
Protective clothing: usual work clothes

General health and safety measures

Respect good personal hygiene.

Environmental exposure controls

See section 6 and 7.

9. Physical and chemical properties

Information on basic physical and chemical properties

General information

Physical state:	liquid
Colour:	yellowish
Odour:	alcoholic
pH value (undiluted):	6.0 - 6.5
pH value (1 %):	6.0 - 6.5
Freezing point (°C):	approx. -20
Boiling temperature (°C):	80 - 100
Flashpoint (°C):	approx. 26
Density (g/cm³):	approx. 0.93
Water solubility:	mixable
Fat solubility:	partially soluble
Dynamic viscosity (mPas):	approx. 1500

Other information

No other physical and chemical data has been recorded.

10. Stability and Reactivity

Reactivity

No decomposition if used and stored according to specifications.

Chemical stability

Stable under normal conditions.

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Possibility of hazardous reactions

There are expected no hazardous reactions for intended use.

Conditions to avoid

No dangerous conditions known.

Incompatible materials

none known

Hazardous decomposition products

In case of fire may be liberated: carbon oxides and low amounts of nitrogen oxides

11. Toxicological information

Information on toxicological effects

LD50 Ratte oral (mg/kg): > 1870 (n-Propanol)

Irritant and corrosive effects

Causes serious eye damage.

Sensitisation

No irritation known or suspected.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

No CMR activities known or suspected.

Additional information

No further detrimental effects known to us.

12. Ecological information

Toxicity

No data available.

Persistence and degradability

Readily biodegradable (according to OECD criteria).

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

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13. Disposal considerations

Waste treatment methods

Recommendation

Dispose of according to local regulations.

Waste codes/waste designations according to EWC

07 06 99

Packaging

Contaminated package

Dispose of according to local regulations.

Cleaned package

Non contaminated and clean packagings can be used for recycling.

14. Transport information

Land transport (ADR/RID)

Class: 3
Classification code: F1
UN number: 1274
Packing group: III
Hazard label: 3
Transport designation: n-Propanol
Remark: Transport as "limit quantity" according to chapter 3.4 ARD/RID

Sea transport (IMDG)

IMDG-CODE-Class: 3
UN number: 1274
Packing Group: III
Proper Shipping Name: n-Propanol

Air transport (ICAO-TI / IATA-DGR)

Class or Division: 3
UN/ID number: 1274
Packing Group: III
Proper Shipping Name: n-Propanol

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15. Regulatory information

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

National regulations

Water hazard class (WGK): WGK 1

Chemical Safety Assessment

For this mixture a chemical safety assessment has not been carried out.

16. Other information

Relevant H- and EUH-phrases (number and full text)

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

Data sources

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.