

Safety Data Sheet according to Regulation (EU) No. 1907/2006

HELVEMED SA

Revision date : 30.01.2008

Revision no. : 1,00

SURFACE QUICK

00838-0003

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

Identification of the substance or preparation

SURFACE QUICK

Use of the substance/preparation

Rapid disinfectant for small surfaces

Company/undertaking identification

HELVEMED SA

Route des Jeunes 19

CH-1227 Genf

Inquiry office

Customer Service

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2. Hazards identification

Classification

Indications of danger : Irritant

R-phrases :

Flammable.

Risk of serious damage to eyes.

Vapours may cause drowsiness and dizziness.

3. Composition/information on ingredients

Chemical characterization (preparation)

Alcoholic disinfectant

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
200-746-9	71-23-8	Propan-1-ol	50 %	F, Xi R11-41-67

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

After contact with skin

Wash off with soap and plenty of water.

Consult a doctor if skin irritation persists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Seek medical treatment by eye specialist.

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After ingestion

Induce vomiting only upon the advice of a physician.

Summon a doctor immediately.

Rinse out mouth and give plenty of water to drink.

5. Fire-fighting measures

Suitable extinguishing media

Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray.

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Fire may produce:

Carbon monoxide and carbon dioxide.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Protective suit

Additional information

Keep away from sources of ignition - No smoking.

Vapours are heavier than air and spread along ground.

The vapour/air mixture is explosive, even in empty, uncleaned receptacles.

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

7. Handling and storage

Handling

Advice on safe handling

Ensure adequate ventilation.

When using, do not eat, drink or smoke.

Avoid contact with eyes, skin or mucous membrane.

Advice on protection against fire and explosion

Keep product and empty container away from heat and sources of ignition.

Do not smoke.

Storage

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Requirements for storage rooms and vessels

Keep container tightly closed in a dry, cool and well-ventilated place.

Advice on storage compatibility

Incompatible with:

Oxidizing agents

Alkaline metals and earth alkaline metals.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI)

3 A

8. Exposure controls/personal protection**Exposure limit values****Exposure limits (EH40)**

CAS-No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
71-23-8	Propan-1-ol	200	500		TWA (8 h)	WEL
	Propan-1-ol	250	625		STEL (15 min)	WEL

Exposure controls**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and at the end of workday.

When using, do not eat, drink or smoke.

Remove and wash contaminated clothes before re-use.

Do not breath vapours or spray mist.

Avoid contact with eyes, skin or mucous membrane.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

Hand protection

Protective gloves resistant to chemicals made off nitrile, Minimum coat thickness 0.4 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Camatril Velours 730> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Eye wash bottle with pure water.

Safety goggles with side protection

Skin protection

Long sleeved clothing.

9. Physical and chemical properties**General information**

Physical state	Liquid
Colour	Colourless
Odour	Alcoholic

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Important health, safety and environmental information

	Test method
pH-Value :	approx. 7
Changes in the physical state	
Boiling point	89 °C
Flash point	31 °C
Flammability	
Lower explosion limits	2,1 vol. %
Upper explosion limits	
Ignition temperature	405 °C
Vapour pressure :	18,7 hPa
at (20 °C)	
Density (at 20 °C) :	0,91 g/cm ³
Water solubility :	Miscible
at (20 °C)	
Solvent content	
50 %	

10. Stability and reactivity

Conditions to avoid

Vapour/air mixtures are explosive at intensive warming.

Heating can release vapours which can be ignited.

Materials to avoid

Oxidizing agents.

Alkaline metals and earth alkaline metals.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information

Empirical data on effects on humans

Risk of strong eye injuries.

Vapours may cause drowsiness and dizziness.

Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

May cause irritation of the mucous membranes.

12. Ecological information

Further information

Ecological injuries are not known or expected under normal use.

Slightly water hazardous.

Product is not allowed to be discharged into aquatic environment.

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13. Disposal considerations**Advice on disposal**

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

Waste disposal number of waste from residues/unused products

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors

Classified as hazardous waste.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport information**Land transport (ADR/RID)**

ADR/RID class	3
Classification code :	F1
Hazard-no.	30
UN number	1274
Hazard label	3
ADR/RID packing group	III
Limited quantity :	LQ 7

Description of the goods

n-Propanol

Remarks (land transport)

LQ 7: combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Inland waterways transport**Marine transport**

IMDG code	3
UN number	1274
Marine pollutant	No
EmS	F-E; S-D
Limited quantity :	5 L / 30 kg
IMDG packing group	III
Hazard label	3

Description of the goods

n-PROPANOL

Remarks (marine transport)

Limited quantities (section 3.4): combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Air transport

ICAO/IATA-DGR	3
UN/ID number	1274
Hazard label	3
IATA-packing instructions - Passenger	309
IATA-max. quantity - Passenger	60 L
IATA-packing instructions - Cargo	310

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IATA-max. quantity - Cargo	220 L
ICAO packing group	III
Limited quantity Passenger	Y309 / 10 L

Description of the goods

n-PROPANOL

15. Regulatory information**Labelling**

Indication of danger	Xi - Irritant
Additional advice on labelling	According to EC-regulations the product is to be labelled as follows:

R phrases

10	Flammable.
41	Risk of serious damage to eyes.
67	Vapours may cause drowsiness and dizziness.

S phrases

07	Keep container tightly closed.
16	Keep away from sources of ignition - No smoking.
24	Avoid contact with skin.
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
35	This material and its container must be disposed of in a safe way.
39	Wear eye/face protection.

Additional information

Regulation (EC) No 648/2004 (Regulation on detergents):

Non-ionic surfactants: < 5 %, Parfum: < 5 %, Ingredients subject to the labelling obligation according to SCCP: -

National regulatory information

Employment restrictions	Observe employment restrictions for young people.; Observe employment restrictions for child bearing mothers and nursing.
Water contaminating class 1999/13/EC (VOC)	1 - slightly water contaminating 50 %

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

10	Flammable.
11	Highly flammable.
41	Risk of serious damage to eyes.
67	Vapours may cause drowsiness and dizziness.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)