

**Safety Data Sheet**

according to UK REACH Regulation

**Hand Disinfectant**

Revision date: 12.01.2026

Product code: 023

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Hand Disinfectant

UFI: FVR1-K0TP-X00M-HRV3

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

For disinfecting hands and skin

**Uses advised against**

Not known.

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

Company name:	Sodasan GmbH	
Street:	Rudolf-Diesel-Str. 19	
Place:	D-26670 Uplengen	
Telephone:	0495640720	Telefax: 04956407299
E-mail:	info@sodasan.de	
Contact person:	Frau Grätz	Telephone: 04956407234
E-mail:	mg@sodasan.de	
Internet:	www.sodasan.de	
Responsible Department:	QS	

**1.4. Emergency telephone number:** Gifftinformationszentrum-Nord (Universitätsmedizin Göttingen): 0551 19240 (24h)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Flam. Liq. 2; H225  
Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

**2.2. Label elements****GB CLP Regulation****Signal word:** Danger**Pictograms:****Hazard statements**

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
P501 Dispose of contents/container to waste disposal in accordance with local/regional regulation.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P233 Keep container tightly closed.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

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smoking.  
Keep out of reach of children.

**2.3. Other hazards**

Not known.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Relevant ingredients**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
64-17-5	Ethanol Berkel			70 - < 75 %
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			

Full text of H and EUH statements: see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.  
Never give anything by mouth to an unconscious person or a person with cramps.  
If unconscious but breathing normally, place in recovery position and seek medical advice.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest.  
If breathing is irregular or stopped, administer artificial respiration.

**After contact with skin**

Immediately remove any contaminated clothing, shoes or stockings.  
After contact with skin, wash immediately with plenty of water and soap.  
Do not wash with: Solvents/Thinner.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

**After ingestion**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.  
Put victim at rest, cover with a blanket and keep warm.  
Do NOT induce vomiting.

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

Not known.

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

Not known.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Extinguishing powder, Water mist

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### Unsuitable extinguishing media

Full water jet

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

Not known.

### 5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

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

#### General advice

Keep away from sources of ignition - No smoking. Ventilate affected area.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Safe handling: see section 7

Personal protection equipment: see section 8

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

#### Other information

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal. Disposal: see section 13

Clean with detergents. Avoid solvent cleaners.

### 6.4. Reference to other sections

Observe protective measures under sections 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or spray/mists. When using do not eat, drink, smoke, sniff. Personal protection equipment: see section 8

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

#### Advice on protection against fire and explosion

No special actions required. Follow normal chemical handling precautions.

#### Advice on general occupational hygiene

General hygiene measures. Do not eat, drink or smoke in work areas Wash hands after use Remove contaminated clothing and protective equipment before entering eating areas.

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

#### Requirements for storage rooms and vessels

Store in accordance with: Betriebssicherheitsverordnung (BetrSichV).

#### Hints on joint storage

Do not store together with: Oxidizing agent, Strong acid, Strong alkali

#### Further information on storage conditions

Follow the instructions for use on the label.

storage temperature of 15°C - 30°C.

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Keep container tightly closed in a cool, well-ventilated place. Protect from sunlight. Keep away from sources of ignition - No smoking. Store in a place accessible by authorized persons only. Always close containers tightly after the removal of product.

### 7.3. Specific end use(s)

For disinfecting hands and skin

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
56-81-5	Glycerol, mist	-	10		TWA (8 h)	WEL

### 8.2. Exposure controls

#### Appropriate engineering controls

Provide adequate ventilation.

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

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

##### Eye/face protection

Wear eye protection/face protection.

##### Hand protection

Wear protective gloves. Replace when worn. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Observe the wear time limits as specified by the manufacturer.

##### Skin protection

Overall (Natural fibres (e.g. cotton))

##### Respiratory protection

Respiratory protection necessary at: exceeding exposure limit values.

Use suitable breathing apparatus.

##### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

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

Physical state: liquid  
 Colour: colourless, clear  
 Odour: like alcohol

Melting point/freezing point:	not determined	<b>Test method</b>
Boiling point or initial boiling point and boiling range:	83,1 °C	
Flash point:	21,5 °C	DIN 53213
Auto-ignition temperature:	not determined	

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Decomposition temperature:	No decomposition if the regulations/instructions for storage and handling are observed
pH-Value (at 20 °C):	4,5 - 5
Density (at 20 °C):	0,85 - 0,89 g/cm <sup>3</sup> DIN 53217

**9.2. Other information****Other safety characteristics**

Solvent separation test: &lt;3 % (Land transport (ADR/RID))

Flow time: 8 - 12  
(at 20 °C)**Further Information**

Further physical-chemical data were not determined.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No reactions when handled properly.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No reactions when handled properly.

**10.4. Conditions to avoid**

Protect from direct sunlight and heat. Keep ignition sources away. Do not smoke.

**10.5. Incompatible materials**

Not known.

**10.6. Hazardous decomposition products**

Not known.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

**ATEmix calculated**

ATE (oral) &gt; 2000 mg/kg; ATE (dermal) &gt; 2000 mg/kg; ATE (inhalation vapour) &gt; 20 mg/l; ATE (inhalation dust/mist) &gt; 5 mg/l

**Irritation and corrosivity**

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

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### Aspiration hazard

Based on available data, the classification criteria are not met.

### 11.2. Information on other hazards

#### Endocrine disrupting properties

The product does not contain any substance that has endocrine properties in humans.

#### Further information

There are no data available on the mixture itself.

Classification according to Regulation (EC) No 1272/2008 [CLP]

Reference to other sections: 2, 3

## SECTION 12: Ecological information

### 12.1. Toxicity

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Rating easily degradable (literature value)

### 12.3. Bioaccumulative potential

No bioaccumulation potential.

### 12.4. Mobility in soil

No relevant data available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### Further information

There are no data available on the mixture itself.

Classification according to Regulation (EC) No 1272/2008 [CLP]

Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Do not allow to enter into surface water or drains.

Recycle according to official regulations.

#### Contaminated packaging

Completely emptied packages can be recycled.

Recycle according to official regulations.

## SECTION 14: Transport information

### Land transport (ADR/RID)

<b>14.1. UN number or ID number:</b>	UN 1170
<b>14.2. UN proper shipping name:</b>	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3



Classification code: F1

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Special Provisions: 144 601  
 Limited quantity: 1 L  
 Excepted quantity: E2  
 Transport category: 2  
 Hazard No: 33  
 Tunnel restriction code: D/E

#### Inland waterways transport (ADN)

**14.1. UN number or ID number:** UN 1170  
**14.2. UN proper shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Classification code: F1  
 Special Provisions: 144 601  
 Limited quantity: 1 L  
 Excepted quantity: E2

#### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 1170  
**14.2. UN proper shipping name:** ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Special Provisions: 144  
 Limited quantity: 1 L  
 Excepted quantity: E2  
 EmS: F-E, S-D

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** UN 1170  
**14.2. UN proper shipping name:** ETHANOL SOLUTION  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Special Provisions: A3 A58 A180  
 Limited quantity Passenger: 1 L  
 Passenger LQ: Y341  
 Excepted quantity: E2  
 IATA-packing instructions - Passenger: 353  
 IATA-max. quantity - Passenger: 5 L  
 IATA-packing instructions - Cargo: 364  
 IATA-max. quantity - Cargo: 60 L

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

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**14.6. Special precautions for user**

Siehe Abschnitte 6-8

Achtung: brennbare Flüssigkeit

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

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

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

Directive 2004/42/EC on VOC in paints and varnishes: 72,3 % (614,55 g/l)

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**Additional information**

Observe in addition any national regulations!

**SECTION 16: Other information****Abbreviations and acronyms**

Flam. Liq: Flammable liquids

Eye Irrit: Eye irritation

**Key literature references and sources for data**

Regulations: Preparations Directive (1999/45/EG), last amended by Regulation (EG) No. 1907/2006  
 Substances Directive (67/548/EEC), last amended by Directive 2009/2/EC REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) No. 253/2011 CLP regulation 1272/2008 Internet  
<http://www.baua.de> <http://www.arbeitssicherheit.de> <http://gestis.itrust.de>

**Classification for mixtures and used evaluation method according to GB CLP Regulation**

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Eye Irrit. 2; H319	Calculation method

**Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Instruction/training of employees required for handling hazardous substances.

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