

Material safety Data Sheet

Applying the Regulation (EG) Nr. 1907/2006

Sodasan Hand disinfection

Effectiv from: 01.06.2015

Version: 006

Substitute the version from: 01.02.2015

1. Supplier and product identification

1.1 Product name:

Sodasan Surface disinfection

Registration number (BauA): N-44228

1.2 Usage of the product:

For disinfecting one's hand and skin

1.3 Supplier:

SODASAN Wasch- und Reinigungsmittel GmbH

Address:

Rudolf – Diesel - Str. 19

D - 26670 Uplengen – Jübberde

Contact for information:

Section product safety

mg@sodasan.com

Telephone/Telefax/Email:

+49 (0) 4956 40720 / +49 (0) 4956 407299 / info@sodasan.com

1.4 Emergency phone:

Poison Information Centre-North (University Medicine Göttingen): **+49(0)551 19240** (24h)

2. Hazard identification

2.1 Classification of the mixture:

The product is for the purposes of the Biocidal Products Regulation, a biocide.

Detailed Information about application, contra-indications, warnings, interactions and side effects, please refer to the product description on the label.

According to 1272/2008

H225; Flam. Liq. 2- Highly flammable liquid and vapour.

H319; Eye Irrit. 2 - Causes serious eye irritation.

2.2 Label elements:

CLP-Label elements:

n.a. = nicht anwendbar; *n.b.* = nicht bestimmt; * = Änderung

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Hazard pictogram:



Signal word:
warning

Warnings:

H225; Flam. Liq. 2- Highly flammable liquid and vapour.
H319; Eye Irrit. 2 - Causes serious eye irritation.

Prevention:

P102 – Keep out of reach of children.
P210 – Keep away from heat/sparks/open flames/hot surfaces.-No smoking.
P233 – Keep container tightly closed.
P301/312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302/352 – IF ON SKIN: Wash with plenty of soap and water.
P305/351/338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Labeling triggering component: alcohol 96%, citric acid, lactic acid (calculation method)

2.3 Other hazards:
None

3. Composition / information on ingredients

3.1 Substances:

This product is a mixture.

3.2 Mixture:

Hazardous ingredients:

Lactic acid; EG-Nr.: 201-196-2; CAS-Nr.: 79-33-4
Registration number: 01-2119474164-39-XXXX
Amount: < 1%
Classification according to. VO 1272/2008: Skin Irrit. 2, H315; Eye Dam. 1, H318

Glycerine; EG-Nr.: 200-289-5; CAS-Nr.: 56-81-5
Amount: < 2%

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Classification according to. VO 1272/2008: none

Ingredients with mandatory EG-limit:

Ethanol; EG-Nr.: 200-578-6; CAS-Nr.: 64-17-5
Registration number: 01-2119457610-43-XXXX

Amount: > 70 < 75 %

Classification according to VO 1272/2008: Flam.Liq.2, H225; Eye Irrit. 2, H319

Citric acid; EG-Nr.: 201-069-1; CAS-Nr.: 77-92-9
registration number: 01-2119457026-42-XXXX

Amount: < 1%

Classification according to. VO 1272/2008: Eye Irrit. 2, H319

ad. Aqua

The exact wording of the R-phrases are detailed under point 16

4. First Aid Measures

4.1 Discription of first aid measures:

General information:

None special measures necessary.

Following inhalation:

Not applicable.

Following skin contact:

Rinse with plenty of water.

Following eye contact:

Irrigate copiously with water for at least 15 minutes. Consult a physician.

Following ingestion:

Rinse mouth with water and consult a physician.

4.2 Most important symtoms and effects, both acut and delayed:

None known.

4.3 Indication of any immediate medical attention and special treatment needed:

None.

5. Firefithing Measures

5.1 Extinguishing media:

Recommended extinguishing media:

Carbon dioxide or dry powder extinguishers

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5.2 Special hazards arising from the mixture:

None.

5.3 Advice for fire-fighters:

Invoid the intrusion of extinguishing water into surface water and groundwater and also into soil.

6. Accidental release measures

6.1 Personal precautions, protective equipement and emergency proceures:

Care for enough ventilation. Keep away from ignition sources.

6.2 Environmental precautions:

Keep away from drains, surface and ground water and soil.

6.3 Methods and material for containment and cleaning up:

Collect as much as possible in a clean container for (preferable) reuse or disposal.
Flush remainder with water.

6.4 Reference to other sections:

Notice the precautionary measures under section 7, 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling:

Protective measures:

Don't leave open the vessels.

General hygienic measures.

- Don't smoke, eat and drink in sections of working
- Wash hands after using
- Remove contaminated clothes bevor going into sections, where you will eat.

Advices for fire safety:

None special measures necessary. Usual precautions in dealing with chemicals.

7.2 Conditions for safe storage, including any incompatibilities:

Requirement for storage rooms and vessels:

Recommended storage temperature: room temperature, not under 15°C .

Always keep safe in original container. Keep away from ignition sources. No smoking.

Keep away from direct sunlight.

7.3 Specific end use:

For disinfecting one's hand and skin

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8. Exposure controls / personal protection

8.1 Control parameters:

64-17-5 Ethanol

MAK 960 mg/m³, 500 ml/m³
MAK (TRGS 900) 1900 mg/m³, 1000 ml/m³
DFG, Y

77-92-9 Citric Acid

MAK vgl. Abschn. II b

General advice:

Look section 7

8.2 Personal protective gear:

Personal protective equipment is depending on hazards at the workstation

Respiratory protection:

Not required.

Hand protection:

Not required.

Eye protection:

Not required.

Environmental exposure controls:

Look section 6 and 7.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance

Physical state:	liquid
Colour:	clear, colourless
Odour:	like alcohol
Safety relevant basic data	
pH-value : (product)	4,5 – 5,0
Melting point / range:	not applicable
Explosion limits:	not applicable
Flammability:	not applicable
Relative density:	0,85 -0,92/cm ³
Water solubility:	soluble in any ratio

9.2 Other safety informations:

Other physical and chemical data weren't determined.

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10. Stability and reactivity

10.1 Reactivity:

No reactions if handling is adequate.

10.2 Chemical stability:

This product is chemical stable under normal environmental conditions.

10.3 Possibility of hazardous reactions:

No hazardous reactions if handling is adequate.

10.4 Conditions to avoid:

None.

10.5 Incompatible materials:

None.

10.6 Hazardous decomposition products:

None if handling is adequate

11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity oral:

ATE(mix.) = >2000 mg/kg (LD50, rat)

Akute toxicity dermal:

ATE(mix.)= >2000 mg/kg (LD50, rabbit)

Akute toxicity inhalative:

ATE(mix.)= >5 mg/l (LC50, rat)

Irritation:

Eye irritation is possible.

Corrosivity:

Based on available data are the rating principles not fulfilled (conventional method).

Sensitisation:

Based on available data are the rating principles not fulfilled (conventional method).

Repeated dose toxicity:

Not approved.

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Carcinogenicity

Not approved.

Mutagenicity:

Not approved.

Toxicity for reproduction:

Not approved.

Other information:

The toxicological rating of the mixture is based on the results of the calculation procedure (conventional method). There are no other hazards expected.

12. Ecological information

12.1 Toxicity:

The ingredients contained in the mixture are not classified as dangerous for the environment. Thus, the classification of the mixture also is no longer as dangerous for the environment.

12.2 Persistence and degradability:

No relevant data available.

12.3 Bioaccumulative potential:

No bioaccumulative potential.

12.4 Mobility in soil:

No relevant data available.

12.5 Results of PBT and vPvB assessment:

No relevant data available.

12.6 Other adverse effects:

No relevant data available.

13. Disposal considerations

13.1 Waste treatment methods:

Waste disposal in accordance with local regulations.

Contaminated packaging:

Dirty containers can be recycled or disposed as normal waste after rinse. Consult local authority.

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14. Transport information

Land transport (ADR/RID)

14.1 UN-Number:
UN 1170

14.2 Correct UN-forwarding label:
Ethanol, solution (Ethylalcohol, solution)

14.3 Hazard class for transport:
3

14.4 Class of packaging:
Class of packaging: II
Hazard label: 3



Classification code: F1
Special provisions: 144, 601
Low quantity: 1L
Transport category: 2
Danger code: 33
Tunnel restriction code: D/E

Further information:
Expected quantities: E2

Inland waterways transport (ADN)
Not applicable.

Seagoing transport (IMDG)

14.1 UN-Number:
UN 1170

14.2 Correct UN-forwarding label:
Ethanol, solution (Ethylalcohol, solution)

14.3 Hazard class for transport:
3

14.4 Class of packaging:
Class of packaging: II
Hazard label: 3



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Classification code: F1
Special provisions: 144, 601

Further information:
Expected quantities: E2

Air transport (ICAO)

Not applicable.

14.5 Hazards for the environmental:

Not applicable.

14.6 Special precautions for the user:

Look section 6-8
Warning: flammable liquid

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The emission solely takes place in suitable vessels.

15. Regulatory information

15.1 Provision for safety, health and environmental regulations / legislation specific for the mixture:

The product has been classified in accordance with EC directives / the relevant national laws and labeled.

National regulations:

Water hazard class WGK: 1 according to VwVwS, appendix 4

SVHC:

The product does not contain any of Very High Concern (SVHC).

15.2 Chemical safety assessment

The product isn't submitted to a chemical safety assessment.

Other assessments:

None.

16. Other information

Important remarks:

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It is recommende to pass the information of this safety data sheet, eventually in an appropriated form, to the users. This information is to our best knowledge correct and complete and is given in good faith but without warranty. It is user's liabilities to take all necessary measures to meet local required laws and regulations.

Hazard warnings on which is refered in section 3:

According to regulation VO 1272/2008

H-phrase:

225 Highly flammable liquid and vapour.

315 Causes skin irritation.

318 Causes serious eye damage.

319 Causes serious eye irritation.

Prevention:

P102 – Keep out of reach of children.

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

P233 – Keep container tightly closed.

P301/312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you fell unwell.

P302/352 – IF ON SKIN: Wash with plenty of soap and water.

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

Modification towards the latest version:

According to CLP-regulation

Point 2, 3,15 and 16

Responsible for safety data sheet:

Section of product safety

Contact person:

Herr Hack / Frau Grätz

Bibliographical reference and data source:

Regulation

Directive (1999/45/EG)

Substance guideline (67/548/EWG)

REACH-regulation (EG) Nr. 1907/2006

CLP-regulation 1272/2008

Internet

<http://www.baua.de>

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<http://www.arbeitssicherheit.de>
<http://gestis.itrust.de>

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