



"Tailor made reagents"

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SAFETY DATA SHEET

1. Identification of the substance / preparation and company.

1.1 Product identifier

Product Nr. CL02.0429

Trade name Disoprop 85 - Hand disinfection

REACH Registration Number A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Identified uses: Hand disinfection

1.3 Information provided by CHEM-LAB NV product service.

Responsible department: e-mail: info@chem-lab.be

1.4 Emergency telephone: 00 (32) 50.28.83.20

2. Hazard identification

2.1 Classification of the substance or the mixture (EG 1272/2008)

Flammable liquid, Categorie 2, H225

For the full text of H-sentences mentioned in this Section, see Section 16

For the full text of R-sentences mentioned in this Section, see Section 16

2.2 GHS-Labeling

GHS-Labeling Labelling (REGULATION (EC) No 1272/2008) (EG 1272/2008)

Hazard pictograms:



Signal word:
DANGER

Hazard statements:

H225 Highly flammable liquid and vapour.

Precautionary statements:

P210 Keep away from heat, sparks, open flames, hot surfaces.No smoking.

Reduced labelling

Hazard pictograms:



Signal word:
DANGER

3. Composition / Information on ingredients.

3.1 Substance

Not applicable

3.2 Mixture

Hazardous Ingredients:

Name according to EC directives:

| Component | Cas-No. | Concentration | Classification (REGULATION (EC) No 1272/2008) |
|---|----------------|----------------------|--|
| Disoprop® | 64-17-5 | ≥25%-<90% | Flam. Liq. 2 (H225) |
| Glycerol 99+% p. | 56-81-5 | ≥0,5%-<2% | |
| Hydrogen peroxide 35 weight % solution (stab.) a.r. | 7722-84-1 | ≥0,1%-<1% | Ox. Liq. 1 (H271) Acute Tox. (oral) 4 (H302) Skin Corr. 1A (H314) Eye Dam. 1 (H318) STOT SE 3 (H335) Aquatic Chronic 3 (H412) |

| Component | Reach Number |
|---|---------------------|
| Disoprop® | 01-2119457610-43 |
| Glycerol 99+% p. | 01-2119471987-18 |
| Hydrogen peroxide 35 weight % solution (stab.) a.r. | 01-2119485845-22 |

For the full text of R-Phrases mentioned in this Section, see Section 16.

4. First aid measures.

4.1 Description of first aid measures

General advice

First-aid personnel: ensure self-protection!

After inhalation: Fresh air.

After contact with skin: None

After contact with eyes: Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Immediately call an ophthalmologist.

After ingestion: Never give anything by mouth to an unconscious person. Immediately make victim drink water (two glasses at most). Call in physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. Fire fighting measures.

5.1 Extinguishing media

Suitable extinguishing media

Use dry chemical or carbon dioxide.

Unsuitable extinguishing media

Do not use water. Cool container with spray water from a safe distance. Prevent fire-fighting water from entering surface water or groundwater.

5.2 Special hazards arising from substance or mixture

Combustible. Vapours heavier than air. Forms explosive mixtures with air at ambient temperatures. Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for firefighters

Do not stay in dangerous zone without self-contained breathing apparatus.

5.4 Further information

no data available

6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures

Do not inhale vapours/aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms. For personal protection see section 8.

6.2 Environmental precautions

Do not allow to enter sewerage system; risk of explosion!

6.3 Methods and materials for containment and cleaning up

Absorb on vermiculite, sand or a pillow from Chemical Spill Center.

6.4 Reference to other sections

For disposal see section 13.

7. Handling and storage.

7.1 Precautions for safe handling

Use non sparking tools.

For precautions see section 2.2

7.2 Conditions for safe storage, including any incompatibilities

Closed in a well ventilated place.

Recommended storage temperature see product label.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure controls - Personal protection.

8.1 Control parameters

8.2 Exposure controls

Engineering measures

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

See section 7.1

Individual protection measures

Not required.

Respiratory protections

Required when vapours/aerosols are generated.

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Eye protection

Required.

Hand protection

Not required.

Body protection

Not required.

Environmental exposure controls

Do not allow to enter sewerage system; risk of explosion!

9. Physical and chemical properties.**9.1 Information on basic physical**Appearance

| | |
|---------|------------|
| Form: | liquid |
| Colour: | colourless |
| Odour: | alcoholic |

Changes in physical state

| | |
|-----------------------|--------------------------------|
| Melting Point: | -117°C |
| Boiling point: | 78°C |
| Flash point: | 12°C |
| Ignation temperature: | 370°C |
| Mol. Weight: | - |
| Density: | 0,82 g/ml |
| pH value: | - |
| Solubility in water: | soluble |
| Explosion limits: | lower 2 vol% / upper 12.0 vol% |

9.2 Other data

No further relevant information available.

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

See section 10.3

10.2 Chemical stability

No further relevant information available.

10.3 Possibility of hazardous reactions

Stable / avoid contact with oxidizing products.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No further relevant information available.

11. Toxicological information.

11.1 Information on toxicological effects

Acute oral toxicity

LD50 orl. rat 6200 mg/kg

Acute inhalation toxicity

No further relevant information available.

Acute dermal toxicity

No further relevant information available.

Skin irritation

No further relevant information available.

Eye irritation

No further relevant information available.

Sensitisation

No further relevant information available.

Germ cell mutagenicity

No further relevant information available.

Carcinogenicity

No further relevant information available.

Reproductive toxicity

No further relevant information available.

Teratogenicity

No further relevant information available.

Specific target organ toxicity - single exposure

No further relevant information available.

Specific target organ toxicity - repeated exposure

No further relevant information available.

Aspiration hazard

No further relevant information available.

11.2 Further information

No further relevant information available.

Further data:

Handle in accordance with good industrial hygiene and safety practice..

12. Ecological information.

12.1 Toxicity

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

No further relevant information available.

12.6 Other adverse effects

No ecological problems are to be expected when the product is handled and used with due care and attention

13. Disposal considerations.

Product: Chemicals must be disposed of in compliance with the respective national regulations. Packaging: Chem-lab product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system.

14. Transport information.

Land Transport (ADR/RID)

| | |
|-----------------------------------|---------|
| 14.1 UN number | UN 1170 |
| 14.2 Proper shipping name | Ethanol |
| 14.3 Class | 3 |
| 14.4 Packing group | II |
| 14.5 Environmentally hazardous | - |
| 14.6 Special precautions for user | no |
| Tunnel restriction code | (D/E) |

Inland waterway transport (ADN)

Not relevant

Air Transport (IATA)

| | |
|-----------------------------------|---------|
| 14.1 UN number | UN 1170 |
| 14.2 Proper shipping name | Ethanol |
| 14.3 Class | 3 |
| 14.4 Packing group | II |
| 14.5 Environmentally hazardous | - |
| 14.6 Special precautions for user | no |

Sea Transport (IMDG)

| | |
|-----------------------------------|---------|
| 14.1 UN number | UN 1170 |
| 14.2 Proper shipping name | Ethanol |
| 14.3 Class | 3 |
| 14.4 Packing group | II |
| 14.5 Environmentally hazardous | - |
| 14.6 Special precautions for user | no |

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

Not relevant

15. Regulatory information.

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

For this product an assessment was not carried out.

15.2 Chemical Safety Assessment

For this product an assessment was not carried out.

16. Other information.

The information and recommendations in this MSDS are to the best of our knowledge, information and belief accurate

at the date of publications. Although utmost care has been taken in the composition of this text, the publisher cannot be held responsible for any damage resulting from any possible error in this publications.

Full text of H-Statements referred to under sections 2 and 3.

- H225 Highly flammable liquid and vapour.
- H271 May cause fire or explosion; strong oxidiser.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.
- H412 Harmful to aquatic life with long lasting effects.