



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 **Trade name:** SUBRINA PROFESSIONAL HAND SANITISER
- 1.2 **Relevant identified uses of the substance or mixture :** Gel for disinfection of hands.
- 1.3 **Details of the supplier of the safety data sheet:** CPE GmbH
Am Moosfeld 3, 83417 Kirchanschöring, Germany
phone: + 386 1 470 91 00; fax: + 386 1 470 92 73
- 1.4 **Emergency telephone number:** + 386 1 470 91 00 (during office hours - 8.00 - 16.00) or 112

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

According to regulation EC 1272/2008 (CLP):
Flammable liquids, hazard categorie 2; H 225

2.2 Label elements (according to EC 67/548 and EC 1999/45):
Biocide substance - ethanol 65 g/100g

Hazard pictograms:



Signal word: DANGER

Hazard statement:
H 225 Highly flammable liquid and vapour.

Precautionary statements:
P 102 Keep out of reach of children.
P 210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Additional warnings:
Avoid contact with eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **Chemical characterization:** Mixture of ethanol, water and nourishing ingredients.

3.2 **Hazardous ingredients:**

Substance	%	CAS No.	EC No.	Classification (1272/2008/ES)
Ethanol Denat.	65,0	64-17-5	200-578-6	Flam.Liq 2.: H225
Menthol	0,1-1,0	2216-51-5	218-690-9	Skin Irrit.2: H 315 Eye Dam..1; H 318 STOT SE 3, H335
1,1',1''-Nitrilotrypropan-2-ol	0,1-1,0	122-20-3	204-528-4	Eye Irrit.2: H319 Aquatic Chron.1: H412



4. FIRST AID MEASURES

- General information:** Remove person to fresh air and keep at rest. If person feels unwell seek medical advice.
- Inhalation:** Fresh air. If person feels unwell seek medical advice.
- Skin contact:** Wash immediately with plenty of water and soap. If irritation persists seek medical advice.
- Eye contact:** Rinse immediately with plenty of water for at least 15 minutes, with eyelid wide open. Seek medical advice.
- Ingestion:** Rinse out the mouth with water immediately. Seek medical advice.
- Special treatment:** No information available. Symptomatic treatment.

5. FIRE-FIGHTING MEASURES

- 5.1 **General information:** The preparation is highly flammable and volatile liquid. Large quantities of preparation can form explosive mixtures with air already at room temperature. Keep away from sources of ignition - no smoking
- 5.2 **Extinguishing media:** Powder, foam, carbon dioxide.
- 5.3 **Combustion products:** In case of fire sulfur and carbon oxides, smoke and possibly other toxic fumes could be emitted.
- 5.4 **Protective equipment for firefighters:** Wear protective clothing, goggles and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions:** Ensure adequate ventilation. Avoid contact with skin and eyes. Wear personal protective equipment.
- 6.2 **Environmental precautions:** Do not discharge into drains/surface waters/groundwater.
- 6.3 **After spillage / leakage – methods for cleaning up:** Absorb with inert material (sand...). Dispose of the material in approved containers and in accordance with local waste regulation.

7. HANDLING AND STORAGE

- 7.1 **Handling:** Use only in well-ventilated areas. Avoid contact with eyes. Do not breathe vapours/mists. When using do not eat or drink. Keep away from heat and sources of ignition. Do not smoke.
- 7.2 **Storage:** Store tightly closed in a dry and well ventilated place. Keep out of the reach of children. Keep away from food. Protect from daylight and temperatures over 60°C. Protect from frost.
- Storage temperature: +5°C to +25°C
- 7.3 **Specific use:** Put on dry hands and massage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 **Control parameters - exposure limited substances:**
MAC (ethanol) : 1900 mg/m³
- 8.2 **Personal protective equipment / Exposure control:**
Respiratory protection: None required. Don't breathe vapours/mists.
Eye protection: None required. Prevent contact with eyes.



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<i>Hand protection:</i>	None required.
<i>Hygiene measures:</i>	Do not eat, drink or smoke during work.
<i>Other:</i>	Handled in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	<i>Form, colour (20°C):</i>	colourless gel
9.2	<i>Odour:</i>	characteristic
9.3	<i>pH value (direct) (20°C):</i>	7,1
9.4	<i>Boiling point / Boiling range:</i>	n.a.
9.5	<i>Melting point:</i>	n.a.
9.6	<i>Flash point:</i>	14°C
9.7	<i>Flammability:</i>	n.a.
9.8	<i>Auto ignition temperature:</i>	n.a.
9.9	<i>Explosive limits (upper / lower):</i>	n.a.
9.10	<i>Oxidising properties:</i>	n.a.
9.11	<i>Vapour pressure:</i>	n.a.
9.12	<i>Density (20°C):</i>	0,89 g/ml
9.13	<i>Viscosity (20°C):</i>	6200 mPa.s
9.14	<i>Solubility in water:</i>	soluble
9.15	<i>Partition coefficient (log Pow):</i>	n.a.

10. STABILITY AND REACTIVITY

10.1	<i>Reactivity:</i>	No data available.
10.2	<i>Chemical stability:</i>	Stable if stored and handled as is prescribed/indicated.
10.3	<i>Possibility of hazardous reactions</i>	No data available
10.4	<i>Conditions to avoid:</i>	Don't expose to frost, direct sunlight, heat, sources of ignition and temperatures over 60°C..
10.5	<i>Incompatible materials:</i>	Strong oxidizing agents and strong acids.
10.6	<i>Hazardous decomposition products:</i>	No data available.

11. TOXICOLOGICAL INFORMATION

11.1	<i>Inhalation:</i>	Long term exposure - vapours may cause drowsiness and dizziness.
	<i>Ingestion:</i>	No data available. Do not ingest the product.
	<i>Skin contact:</i>	No data available. In case of damaged skin, irritation may occurs.
	<i>Eye contact:</i>	No data available. Prevent contact with eyes.
11.2	<i>Acute toxicity data:</i>	No data available.

12. ECOLOGICAL INFORMATION

12.1	<i>Ecotoxicity effects:</i>	No data for preparation available.
12.2	<i>Persistence and degradability:</i>	No data for preparation available.



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12.3 **Further information:** Do not allow to enter soil, waterways, drains and waste water canal.

13. DISPOSAL CONSIDERATIONS

The product and its empty, uncleaned container must be disposed of in accordance with local waste regulations. Do not dispose of into environment.

14. TRANSPORTATION INFORMATION

14.1 **Land transport - ADR:**

UN No.: 1993 FLAMMABLE LIQUID, N.O.S. (contain ethanol)

Class: 3

Pack. group: II

15. REGULATORY INFORMATION

15.1 **Chemical safety assessment**

No chemical safety assessment available yet.

15.2 **Legislation**

- EC regulation 1272/2008

16. OTHER INFORMATION

H-phrases (glossary)

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Literature

MSDS components of the preparation.

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