





# MATERIAL SAFETY DATA SHEET

## SURESAN HAND SANITIZER

### (%70 ALCOHOL)

REVISION: 1.3

REVISION DATE: 15/07/2020

*This safety data sheet conforms to Regulation (EC) 1907/2006 as amended by Regulation (EU)2015/830*

## 2. Hazards Identification

### 2.1. Classification of the substance or mixture

**According to Regulation (EC) No 1272/2008 [CLP]**

H225: Flam. Liq. 2

H319: Eye Irrit. 2



Signal Word DANGER

Health hazards Not Classified

Environmental hazards Not Classified

### 2.2. Label elements

**Globally Harmonized System, EU (GHS)**

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation

EUH208: Contains perfume. May produce an allergic reaction

#### WARNINGS AND PRECAUTIONS:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 – If eye irritation persists: Get medical advice / attention.

P102 Keep out of reach of children

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.



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### 3. Composition / Information On Ingredients

#### 3.2. Mixtures;

Aqua, Alcohol, Glycerin, Carbomer, Triethanolamine, Parfum, Tocopheryl Acetate, Aloe Barbadensis Leaf Juice, Benzyl salicylate, Linalool, Limonene, Hydroxycitronellal, Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde, Coumarin.

#### Ingredients:

Chemical Name	EC No.	CAS No	Content(%)	CLASSIFICATION (EC 1272/2008)
Ethanol	200-578-6	64-17-5	%70	H225: Flam. Liq 2 H319: Eye Irrit. 2
Parfum	n/a	n/a	%0.1	H315: Skin Irrit. 2 H317: Skin Sens.1B H319: Eye Irrit. 2

See Section 16 for full text of Hazard Statements

### 4. First Aid Measures

#### 4.1. Description of first aid measures

**Ingestion:** Do not swallow. If swallowed, seek medical attention.

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention.

**Skin:** Do not use on broken or irritated skin. If prolonged contact occurs, rinse thoroughly with water.

**Inhalation:** N/A

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

**Inhalation** No specific symptoms known.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** No specific symptoms known.

**Eye contact** Profuse watering of the eyes

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

Notes for the doctor: No specific treatment. Treat symptomatically.



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#### 5. Fire Fighting Measures

##### 5.1. Extinguishing media

**Suitable extinguishing media** The product is flammable. Use fire-extinguishing media suitable for the surrounding fire. Extinguish with foam, carbon dioxide, dry powder.

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

Specific hazards No unusual fire or explosion hazards noted.

**Flammable Properties:** Upper Flammable Limit: N/A  
Lower Flammable Limit: N/A

**Explosive Limits:** UEL: N/A LEL: N/A

**Auto-ignition Temperature:** N/A

**Hazardous Combustion Products:** N/A

**Explosion Data (Sensitivity to Mechanical Impact):** N/A

**Explosion Data (Sensitivity to Static Discharge):** N/A

##### 5.3. Advice for firefighters

Protective actions during firefighting; Avoid breathing fire gases or vapours. Contain and collect extinguishing water. Move containers from fire area if it can be done without risk. Fight fire from safe distance or protected location.

##### Special protective equipment for firefighters;

Use air-supplied respirator, gloves and protective goggles. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

#### 6. Accidental Release Measures

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

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes and prolonged skin contact.

##### 6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

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

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

##### 6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.



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#### 7. Handling And Storage

##### 7.1. Precautions for safe handling

Avoid contact with eyes. Protect against direct sunlight.

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

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep containers upright. Keep away from food, drink and animal feeding stuffs. Protect from freezing and direct sunlight.

##### 7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

#### 8. Exposure Controls/Personal Protection

##### 8.1. Control parameters

No data available.

**Recommended Exposure Guidelines:** N/A

**Engineering Controls:** N/A

**Personal Protective Equipment (PPE):** N/A

**Eye/Face Protection:** None required with normal household use.

Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.

**Skin Protection:** None required with normal household use.

Industrial Setting: Protective gloves (rubber, neoprene) should be used for prolonged direct contact.

**Respiratory Protection:** No special precautions for casual exposure.

Ventilation Local Exhaust: None required with normal consumer use. Special: None

Industrial (General): Normal/general dilution ventilation is acceptable. Other: None

#### 9. Physical And Chemical Properties

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

**Appearance (color, physical form, shape):** liquid

**Odor:** specific

**Solubility in Water:** Complete

**pH %100:** 5,00-7,00 (20°C , ±0.2)

**Flash Point:** 21°C

##### 9.2. Other information

Other information No information required.



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## 10. Stability And Reactivity

### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

### 10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 11. Toxicological Information

### 11.1. Information on toxicological effects

Oral	LD50	10470 mg/kg (rat)
Inhalation	LC50	124.7 mg/L/4h (rat)
Dermal	LD50	>15800 mg/kg (rabbit)

Skin Irritation : Not irritating to skin

Eye Irritation : It can irritate the eyes.

Respiratory Irritation : Data not available

Mutagenicity: Not mutagenic.

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**Chronic Effects:** No chronic health effects reported.

**Target Organs:** No target organs reported.

**Carcinogenicity:** This finished product is not carcinogenic.



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## 12. Ecological Information

**Environment** This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.

**Persistence/ Degradability** This product is readily biodegradable.

**Aquatic toxicity:** N.D.A.

Ecological information on ingredients;

**Aquatic toxicity (acute):**

Alcohol; Ethanol ( CAS No: 64-17-5):

Algae (Chlorella vulgaris): EC50 (3d): 275 mg/l

Rainbow trout (Salmo gairdneri): LC50 (24h): 11200 mg/l

Daphnia magna: EC50 (48h): 12340 mg/l

**Mobility** The product is miscible with water. May spread in water systems.

**Behaviour in environmental systems:** Not determined

**Ecotoxicological effects:** Not determined

**Behaviour in sewage processing plants:** Not determined

**Other adverse effects:** No further relevant information available.

## 13. Disposal Considerations

### 13.1. Waste treatment methods

DISPOSAL SHOULD BE IN ACCORDANCE with the requirements of the local Waste Disposal Authority.

## 14. Transport Information

14.1. UN number : 1170

14.2. UN proper shipping name: ETHANOL (ETHYL ALCOHOL) AND ETHANOL SOLUTION

14.3. Transport hazard class(es): 3 (F1) Flammable liquids

14.4. Packing group : II

14.5. Environmental hazards : Product does not have any environmental hazards.

14.6. Special precautions for user

Provisions for dangerous goods (ADR) should be complied.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code : Not applicable.

Transport of dangerous goods by road, rail and 1170

inland waterway ( ADR, RID, ADN) UN number

Proper shipping name

ETHANOL (ETHYL ALCOHOL) AND  
ETHANOL SOLUTION

Details in the transport document

UN1170, ETHANOL (ETHYL ALCOHOL)  
AND ETHANOL SOLUTION, 3, II

Class

3

Classification code

F1

Packing group

II

Hazard label(s)

3



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#### **IATA:**

UN number : 1170

UN proper shipping name: ETHANOL (ETHYL ALCOHOL) AND ETHANOL SOLUTION

Transport hazard class(es): 3 (F1) Flammable liquids

Packing group : II

**Details in the transport document:** UN1170, ETHANOL SOLUTION , 3, II

## 15. Regulatory Information

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

None identified (UK)

### 15.2. Chemical safety assessment

Chemical Safety Assessment have been performed by the REACH lead registrant for each of the substances  
Section 3.2





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#### 16. Other Information

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation

EUH208: Contains (name of sensitising substance). May produce an allergic reaction.

H226: Flammable liquid and vapour

H302: Harmful if swallowed

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

- **Abbreviations and acronyms used in the safety data sheet;**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC<sub>50</sub>: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative

\*N/A. - Not Applicable \*N/K. - Not Known \*N.D.A.-No Data Available

**DISCLAIMER:** This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.