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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Trade Name:** Suresan Hand & Surface Sanitizer Spray

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

**Identified Uses:** Suresan Hand & Surface Sanitizer Spray

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

**Supplier name:** SureSan

**Supplier Address:** Unit 10 Kites Croft Business Park, Fareham, Hampshire PO14 4LW

**Telephone:** 0333 066 5820

**Competent person:** Donovan Prisgrove

**1.4. Emergency telephone number** 0333 066 5820

## SECTION 2: HAZARDS IDENTIFICATION

### **2.1. Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008**

Flam. Gas 1

H222: Extremely flammable aerosol

Aerosol 3

H229: Pressurized container: may burst if heated.

### **2.2 Label elements**

**Hazard pictograms:**



**Signal word:**

DANGER

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P211 Do not spray on an open flame or other ignition source.

P251: Pressurized container: Do not pierce or burn, even after use.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

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.

P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50 degrees Celsius.

### **2.1. Other hazards**

**Results of PBT and vPvB assessment:** PBT- Not applicable.

vPvB- Not applicable.



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#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.1. Substances

N/A

##### 3.2. Mixtures

**Description:** Multi Component Mixture

SUBSTANCES	CAS NUMBER	EINECS/ELICS NUMBER	CONCENTRATION (%)	HAZARD STATEMENT
ETHYL ALCOHOL Reach RegistrationNumber : 01-2119457610-43-0239	64-17-5	200-578-6	51,41	Flam. Liq. 2; 225
BUTANE	106-97-8	203-448-7	26,78	Flam. Gas 1; H220 Press.
PROPANE	74-98-6	200-827-9	11,92	Flam. Gas 1; H220 Press.
ISOBUTANE	75-28-5	200-857-2	8,30	Flam. Gas 1; H220 Press.

#### SECTION 4: FIRST AID MEASURES

##### 4.1. Description of first aid measures

**General information:** General first aid, rest, warm and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

**Eye:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. If symptoms persist, call a physician.

**Skin Problem:** If skin problems occur, discontinue use of product. Get medical attention if irritation persists.

**Inhalation:** If respiratory irritation occurs, remove individual to fresh air. Then consult a doctor.

**Ingestion:** Accidental ingestion of product may necessitate medical attention. Do not induce vomiting.

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

No further relevant information available.

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

After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, and 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

#### SECTION 5: FIREFIGHTING MEASURES

##### 5.1. Extinguishing media

**Suitable:** Use chemical foam, dry chemical, carbon dioxide

**Unsuitable:** Water jet

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



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Explosive mixtures may form with air if large quantities of product are released in unventilated areas.



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#### 5.3. Advice for fire-fighters

Contact emergency personnel. Flammable material. Explosive mixtures may form with air. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon and/or nitrogen; hydrocarbons and/or derivatives.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

**Personal precautions:** None under normal use conditions.

**Advice for emergency responders:** Use personal protective equipment.

#### 6.2. Environmental protection measures

**For Household Settings:** Do not expose to heat and flame. Use only in ventilated areas. Do not spray near flame or while smoking. Avoid spraying in eyes. Keep out of reach of children.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Avoid extreme heat and ignition sources. Avoid spraying toward open flame

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

**For Household Settings:** Absorb spill and scrub the area with detergent. Dilute with water. Ventilate area and eliminate all ignition sources.

**For Non-Household Settings:** Ventilate area and eliminate all ignition sources. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact.

#### 6.4. Reference to other sections

Review safety handling information in Section 7, personal protection measures in Section 8 and disposal measures in Section 13.

### SECTION 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

**For Household Settings:** Do not expose to heat and flame. Use only in ventilated areas. Do not spray near flame or while smoking. Avoid spraying in eyes. Keep out of reach of children.

**For Non-Household Settings:** Avoid heat, sparks, flame, or smoking during use. Avoid extreme heat and ignition sources. Avoid spraying toward open flame.

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

**For Household Settings:** Avoid heat, sparks, flame, or smoking. Avoid extreme heat and ignition sources.

**For Non-Household Settings:** Store away from oxidizers. Store in a well ventilated, cool area.

#### 7.3. Specific end uses

No further relevant information available.

### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1. Control parameters

Name	STD	TWA-8 hrs		STEL-15 min.		Notes
ETHANOL	WEL	1000 ppm	1920 mg/m <sup>3</sup>			



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**WEL** = Workplace Exposure Limit

#### 8.2. Exposure controls

##### Personal protective equipment:

Use in a well ventilated area. Use safety glasses or safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact. Always follow good hygienic work practices. Avoid prolonged contact with skin and clothing.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

**Appearance:** Clear, liquid

**Color:** Transparent

**Odor:** Characteristic

**Boiling Point:** No data available

**pH (20°C):** No data available

**Solubility in Water:** No data available

**Density (20°C):** 0,81-0,85 g/ml

**Viscosity (cps):** No data available

**Degree of Alcohol (at 20°C):** 80°-86°

**Refractive Index:** No data available

**Flammability:** No data available

**Explosive properties:** No data available

#### 9.2. Other information

No further relevant information available.

### SECTION 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

Material is stable under non-emergency conditions.

#### 10.2. Chemical stability

These products are stable at room temperature in closed containers under normal storage and handling conditions.

#### 10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

#### 10.4. Conditions to avoid

Avoid extreme heat and ignition sources. Store away from oxidizers.

#### 10.5. Incompatible materials

None in particular.

#### 10.6. Hazardous decomposition products

None under normal use.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

Additional information on toxicological endpoints is available from the supplier upon request.

- **Ethyl Alcohol:**

Oral                    LD50 10470 mg/kg (Rat)

Dermal                No data available



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Inhalation      LC50 124,7 mg/l air (4h / Rat)



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## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the supplier on request.

### **12.2. Persistence and degradability**

No data available

### **12.3. Bioaccumulative potential**

No data available

### **12.4. Mobility in soil**

No data available

### **12.5. Results of PBT and vPvB assessment**

No data available

### **12.6. Other adverse effects**

No known significant effects or critical hazards.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

**For Household Settings:** Do not discharge product into natural waters without pre-treatment or adequate dilution.

**For Non-Household Settings:** Should not be released into the environment. Dispose of in accordance with local regulations.

## **SECTION 14: TRANSPORT INFORMATION**

### **14.1. UN number**

UN1950

### **14.2. UN proper shipping name**

Aerosols, flammable

### **14.3. Transport hazard class(es)**

Class: 2

Classification: 5F

Labels: 2.1

### **14.4. Packing group**

Not available

### **14.5. Environmental hazards**

None

### **14.6. Special precautions for user**

Transport category: 2

Tunnel code: (D)

Special provisions: 190 327 344 625

Limited quantity: 1 L

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

**14.8. Finished packaged product transported by air (IATA)**

Not applicable.

**SECTION 15: ADDITIONAL REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

- REGULATION (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
- COMMISSION REGULATION (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**15.2. Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

This information is provided for documentation purposes only.

This product is not considered hazardous under normal conditions of use.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein believed to be true and accurate. However, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of information, the hazards connected with the use of material or the results to be obtained from the use thereof. Compliance with all applicable federal, state and local laws and local regulations remains the responsibility of the user. This material safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees.