

# SAFETY DATA SHEET

## **Hand Sanitizer with VE Ball**

Version 1.0

Revision Date 2016/05/15

### **1. Identification of the substance/mixture and of the company/undertaking**

**Product identifier**

## **Hand Sanitizer with VE Ball**

### **Recommended use of the chemical and restriction on use**

Recommended use\*: Hand Sanitizer

\* The "Recommended use" identified for this product is provided solely to comply with a US Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

### **Details of the supplier of the safety data sheet**

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### **2. Hazards Identification**

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### **Classification of the product**

Flam. Liq. 2. Flammable liquids

#### **Label elements**

Pictogram:

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Signal Word:

Danger

Hazard Statement:

H225 Highly flammable liquid and vapour.

Precautionary Statements (Prevention):

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.  
P242 Use non-sparking tools.  
P243 Take action to prevent static discharges.  
P280 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements (Response):

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.  
P370 + P378 In case of fire: Use foam extinguisher or carbon dioxide to extinguish.

Precautionary Statements (Storage):

P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary Statements (Disposal):

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

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### 3. Composition/Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

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The product contains:

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
7732-18-5	15.0-20.0%	Water
64-17-5	60.0-65.0%	Ethanol
9003-01-4	10.0-15.0%	Carbomer 940
56-81-5	1.0-5.0%	Glycerin
102-71-6	1.0-5.0%	Triethanolamine
85507-69-3	1.0-5.0%	Aloe Barbadosensis
10191-41-0	1.0-5.0%	Vitamin E
/	0.1-1.0%	Fragrance

### 4. First-Aid Measures

Description of first aid measures

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.

On ingestion:

Rinse mouth and then drink 200-300 ml of water.

### 5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

water spray, carbon dioxide, foam, dry powder

Unsuitable extinguishing media for safety reasons:

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water jet

Special hazards arising from the substance or mixture

Vapors may form explosive mixture with air.

Advice for fire-fighters

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

Keep containers cool by spraying with water if exposed to fire.

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### **6. Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Sources of ignition should be kept well clear. Ensure adequate ventilation.

Information regarding personal protective measures see, chapter 8.

Environmental precautions

Do not empty into drains. Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

For large amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

For residues: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

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### **7. Handling and Storage**

Precautions for safe handling

Ensure thorough ventilation of stores and work areas. Adequate extraction of the vapors is necessary when working with open containers.

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Protection against fire and explosion:

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Electrical handling equipment should be explosion-proof.

Conditions for safe storage, including any incompatibilities: Further information on storage conditions: Keep container tightly closed in a cool, well-ventilated place. Protect from the effects of light.

### **Specific end use(s)**

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

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## **8. Exposure Controls/Personal Protection**

### **Control parameters**

#### Components with workplace control parameters

64-17-5: ethanol; ethyl alcohol PEL 1900mg/m3

### **Exposure controls**

#### Personal protective equipment

Respiratory protection:

For Household Settings: This is a personal care product that is safe for consumers and other users under normal and reasonably foreseen use.

For Non-Household Settings: Wear NIOSH approved air-purifying respirator. Wear NIOSH approved positive pressure air-supplied respirator.

Eye protection:

For Household Settings: This is a personal care product that is safe for consumers and other users under normal and reasonably foreseen use.

For Non-Household Settings: Wear safety glasses with side shields. Additionally wear a face shield where the possibility exists for face contact due to splashing, spraying or airborne contact with this material.

Skin and body protection:

For Household Settings: This is a personal care product that is safe for consumers and other users under normal and reasonably foreseen use.

For Non-Household Settings: Where there is potential for skin contact, have available and wear as appropriate, impervious gloves, apron, pants, jacket, hood and boots.

#### General safety and hygiene measures

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Avoid inhalation of dusts/mists/vapors. Avoid contact with the eyes and clothing. Take off immediately all contaminated clothing.

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### **9. Physical and Chemical Properties**

#### **Information on basic physical and chemical properties**

Form:	gel
Color:	colorless, clear
Odor:	perfumed
Odor threshold:	
	not determined
pH value:	not determined
Melting point:	not determined
Boiling range:	not determined
Flash point:	22.5 °C
Evaporation rate:	
	not determined
Flammability:	Highly flammable.
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Ignition temperature:	not determined
Vapour pressure:	not determined
Density:	not determined
Solubility in water:	miscible

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### **10. Stability and Reactivity**

#### **Reactivity**

No hazardous reactions if stored and handled as prescribed/indicated.

#### **Chemical stability**

The product is stable if stored and handled as prescribed/indicated.

#### **Possibility of hazardous reactions**

Evolution of flammable gases/vapors.

#### **Conditions to avoid**

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Avoid heat. Avoid all sources of ignition: heat, sparks, open flame. See MSDS section 7 - Handling and storage.

### **Incompatible materials**

Substances to avoid:

oxidizing agents, peroxides, acids

### **Hazardous decomposition products**

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## **11. Toxicological Information**

### **Information on toxicological effects**

#### Acute toxicity

No data available.

#### Irritation

No data available.

#### Respiratory/Skin sensitization

No data available.

#### Carcinogenicity

Assessment of carcinogenicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

#### Reproductive toxicity

Assessment of reproduction toxicity:

No data available.

#### Developmental toxicity

No data available.

#### Specific target organ toxicity (single exposure)

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Assessment of STOT single:

Based on available Data, the classification criteria are not met.

### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

No data available.

### Aspiration hazard

No aspiration hazard expected.

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## **12. Ecological Information**

### **Toxicity**

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms. There is a high probability that the product is not chronically harmful to aquatic organisms.

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

Assessment bioaccumulation potential:

Significant accumulation in organisms is not to be expected.

### **Mobility in soil (and other compartments if available)**

No data available

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## **13. Disposal Considerations**

### **Waste treatment methods**

Observe national and local legal requirements.



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### **14. Transport Information**

#### **Land transport**

ADR

Hazard class: 3  
Packing group: III  
ID number: UN 1170  
Hazard label: 3  
Proper shipping name: ETHANOL (ETHYL ALCOHOL)

RID

Hazard class: 3  
Packing group: III  
ID number: UN 1170  
Hazard label: 3  
Proper shipping name: ETHANOL (ETHYL ALCOHOL)

#### **Inland waterway transport**

ADN

Hazard class: 3  
Packing group: III  
ID number: UN 1170  
Hazard label: 3  
Proper shipping name: ETHANOL (ETHYL ALCOHOL)

#### **Sea transport**

IMDG

Hazard class: 3  
Packing group: III  
ID number: UN 1170  
Hazard label: 3  
Marine pollutant: NO  
Proper shipping name: ETHANOL (ETHYL ALCOHOL)

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### **Air transport**

IATA/ICAO

Hazard class: 3  
Packing group: III  
ID number: UN 1170  
Hazard label: 3  
Proper shipping name: ETHANOL (ETHYL ALCOHOL)

## **15. Regulatory Information**

### **Federal Regulations**

#### **Registration status:**

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Acute; Chronic; Fire;

#### **NFPA Hazard codes:**

Health : 2 Fire: 3 Reactivity: 0 Special:

#### **HMIS III rating**

Health: 2 Flammability: 3 Physical hazard:0

## **16. Other Information**

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.