

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

### **1.1. Product identifier**

PRODUCT NAME            HAND SANITIZER **250 ML**

PRODUCT CODE – **v5065**

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

INTENDED USE HAND SANITIZER

1.3. Details of the Manufacturer of the safety data sheet

1.4. Emergency telephone number

EMERGENCY INFORMATION: 999

## **2. HAZARDS IDENTIFICATION**

### **2.1. Classification of the substance or mixture**

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

Physical hazards ; Flammable Liquids Category 2



GHS02

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.

### WARNINGS AND PRECAUTIONS:

P210 Keep away from heat/sparks/open flames/hot surfaces. — 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.

P370+P378: In case of fire: Use for alcohol resistant foam or dry powder extinction.

## 2.3. Other hazards

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

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1. Substances; Not applicable

3.2. Mixtures; Aqua, Alcohol, Hydroxyethylcellulose, PPG-2 Methyl Ether, Parfum.

### Ingredients:

Chemical Name	EC No.	CAS No	Content (%)	SEA Class, H Phares*
AQUA	231-791-2	N. CAS 7732-18-5	<40%	-
ETHYL ALCOHOL	200-578-6	N.CAS 64-17-5	<40%	Flam. Liq. 2 H225
ISOPROPYL ALCOHOL	200-661-7	N. CAS 67-63-0	>10%	Flam. Liq. 2 H225
PROPYL ALCOHOL	200-746-9	N. CAS 71-23-8	<10%	Flam. Liq. 2 H225
PPG-2 METHYL ETHER	252-104-2	N. CAS 34590-94-8	>0.1%	-
HYDROXYETHYLCELLULOSE	618-387-5	N. CAS 9004-62-0	<1%	-
PARFUM	-	-	<0.5%	-

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**Ingestion:** May cause discomfort if swallowed.

Drink 1 or 2 glasses of water. If symptoms persist or recur, seek medical attention.

**Eye Contact:** Flush thoroughly with water for 15 minutes. If symptoms persist or recur, seek medical attention.

**Skin:** If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes. If symptoms persist or recur, seek medical attention.

**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.

## 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.

## **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. Store at temperatures not exceeding 50°C. 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** (colour, physical form, shape): liquid

**Odour:** specific

**Solubility in Water:** Complete

**pH %100:** 5,00-7,00 (20°C,  $\pm 0.2$ )

**Flash Point:** 21°C

### 9.2. Other information

Other information. No information required.

## 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

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

### 10.5. Incompatible materials

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	LD50	124.7 mg/L/4h
Dermal	LC50	(rat) >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.

## 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 FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS

Non-Household Setting: Products covered by this MSDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is recommended for undiluted scrap product. Do not landfill.

## 14.TRANSPORT INFORMATION

### 14.1.

UN Number	UN Shipping Name
1170	ETHANOL (ETHYL ALCOHOL) AND ETHANOL SOLUTION
1219	ISOPROPYL ALCOHOL
1274	PROPYL ALCOHOL

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

14.3. Packing group : II

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

14.5. Special precautions for user

Provisions for dangerous goods (ADR) should be complied.

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

Transport of dangerous goods by road: 1170, 1219, 1274

rail and inland waterway (ADR, RID,

ADN) UN number

Proper shipping name

ETHANOL (ETHYL ALCOHOL) AND ETHANOL SOLUTION, ISOPROPYL ALCOHOL, PROPYL ALCOHOL

Details in the transport document

UN 1170, ETHANOL (ETHYL ALCOHOL) & ETHANOL SOLUTION, 3, II  
UN 1219 ISOPROPYL ALCOHOL  
UN 1274 PROPYL ALCOHOL

Class

3

Classification code

F1

Packing group

II

Hazard label(s)

3

## 15.REGULATORY INFORMATION

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

#### INTERNATIONAL MATERIAL SAFETY DATA SHEET REGULATION

REACH Regulation (EC) No 1907/2006

The Biocidal Products Regulation (BPR, Regulation (EU) 528/2012)

This article contains high concentrations of organic solvent (>60%) and it's anhydrous, therefore in accordance to guideline ISO 29621:2010 'Cosmetics – Microbiology – Guidelines for the risk assessment and identification of microbiologically low risk products' it is to be considered a product at low risk of microbiological contamination and does not require the application of microbiological International Standards for cosmetics.

## 16.OTHER INFORMATION

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

### Risk Phrases

H225: Highly flammable liquid and vapour.

### Caution Phrase

P210 Keep away from heat/sparks/open flames/hot surfaces. — 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.

P370+P378: In the case of fire: Use alcohol resistant foam or dry powder extinction.

### - 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.

