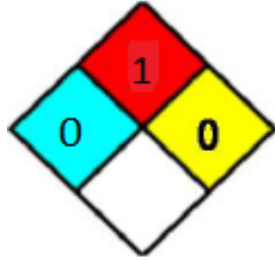


# PRODUCT SAFETY SHEET

Fecha: March, 2020

version: 1

MSDS / GEL ALCOHOL



## SECTION I. DATA ON THE HAZARDOUS SUBSTANCE AND THE MANUFACTURER.

### 1. SUBSTANCE IDENTIFICATION

MSDS/ GEL ALCOHOL

### 2. MANUFACTURER INFORMATION

## SECTION II. HAZARD IDENTIFICATION.

### HEALTH RISK:



H301:  
Acute toxicity from  
Ingestion: Category 1

H331:  
Acute toxicity from  
Inhalation: Category  
1.



H305: Danger from  
Aspiration: Category  
two.  
H334: Awareness  
Respiratory: Category  
1 B.



H319:  
Eye irritation:  
Category: 2

| CODE | INDICATIONS   |
|------|---|
| P201 | Carefully read the instructions before use  |
| P262 | <b>Ingestion:</b> Do not induce vomiting. Drink large amounts of water. Never give something by mouth to an unconscious person. Seek medical attention immediately. |
| P304 | <b>Inhalation:</b> Place the person outside the contaminated area and take him / her to a   |

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|                    |   |
|--------------------|---|
|                    | place with fresh air. If not breathing, artificial respiration. Seek medical attention immediately.   |
| <b>P305</b>        | <b>Eye Contact:</b> Flush eyes with plenty of water for at least 15 minutes, hold eyelids to ensure irrigation throughout the eye and eyelid. Seek medical attention immediately. |
| <b>P361</b>        | Remove immediately the contaminated clothing.   |
| <b>P420</b>        | Store separately  |
| <b>P410 + P412</b> | Protect from sunlight. Do not expose to a temperature greater than 50 ° C / 122 ° F.  |

### SECTION III. RISK CLASSIFICATION.

| COMMON NAME                | INCI NAME     | CAS NUMBER | RISK  | No. ONU. |
|----------------------------|---------------|------------|---|----------|
| ETHYL ALCOHOL<br>95% - 98% | ETHYL ALCOHOL | 64-17-5    | Flammable liquid.<br>Causes eye irritation.<br>May cause skin irritation. It is absorbed through intact skin. | 1170     |

### SECTION IV. FIRST AID MEASURES.

#### a) Ingestion:

If swallowed, DO NOT INDUCE VOMITING. Give large amounts of water. Never give anything by mouth to a unconscious person. Get medical attention immediately.

#### b) Inhalación:

Place the person outside the contaminated area and take him to a place with fresh air. If you don't breathe, breathe artificial. If breathing is difficult, oxygen. Get medical attention immediately.

#### a) Skin contact:

Product sure that in most of its applications on the skin does not cause adverse reactions.

#### b) Visual Contact:

Rinse eyes with plenty of water for at least 15 minutes, hold eyelids to ensure irrigation throughout the eye and eyelid. Seek medical attention immediately.

The substance can react at high temperatures, so it can increase the severity of a fire already existing. Containers can rupture due to pressure build-up.

### SECTION V. FIRE FIGHTING MEASURES.

#### a) Fire:

This product is not combustible. Sprayed water, foam, carbon dioxide, dry chemicals can be used where This product is stored. Avoid contact with acids.

The substance can react at high temperatures, so it can increase the severity of a fire already existing. Containers can rupture due to pressure build-up.

**b) Explosion:**

This product is not considered because it does not represent an Explosion hazard. Use any convenient means to extinguish the surrounding fire. Use water spray to cool the containers exposed to fire.

**SECTION VI. ACCIDENTAL RELEASE MEASURES.****a) Steps to be taken in case the materials are scattered or spilled:**

Return to the container. Water the area with water.

**b) Waste disposal method:**

Dilute for acceptable solids. Obey all the rules.

**SECTION VII. HANDLING AND STORAGE.**

**a) CAUTION:** May irritate eyes and any parts sensitive to detergents. Harmful if swallowed. Do not use in the eyes. Not for internal use. Open container slowly to ventilate. In case of contact with the eyes, irrigate with plenty of fresh water. Keep your eyelids wide open. Provide medical attention. If irritation occurs seek medical attention. Remove contaminated clothing and shoes and wash before reuse. If swallowed, drink large amounts of water. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person. Keep out of the reach of children.

**b) ATTENTION:** When the container is empty, it can be dangerous, because the containers, even after they have been emptied, retain product residues (vapor, liquid or solid). Precautions at all levels must be observed. If product is emptied from a 110-gallon or larger volume container to be sold, it requires the container to be triple rinsed (or its equivalent) to remove any residue and requires the covers to be removed with signs before they can be handled as empty.

We believe that the information contained herein is consistent with the information in this Safety Manual. From the use of this information and the conditions of use of the products are not under the control of SIIA is the obligation of the user determine the conditions of safe use for the product.

**SECTION VIII. PERSONAL PROTECTION.**

**a) Respiratory Protection:** Not generally required.

**b) Ventilation:** Regular local.

Natural or mechanical ventilation is suggested to dilute some materials in the air and help keep potential exposure levels below the maximum exposure limits.

**SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES.**

|                        |   |
|------------------------|---|
| <b>Shape:</b>          | Viscous liquid / homogeneous gel Translucent. |
| <b>Color:</b>          | Colorless                                     |
| <b>Olor:</b>           | Unscented                                     |
| <b>Boiling point:</b>  | Information not available.                    |
| <b>Flash point:</b>    | Information not available.                    |
| <b>Flammability:</b>   | Flammable                                     |
| <b>Density (20°C):</b> | 0.85 – 0.95 g / ml                            |

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**Viscosity (20°C, 7, 10 rpm):** 15,000 – 25,000 cps  
**pH (20°C):** 6.5 – 7.5

## SECTION X. STABILITY AND REACTIVITY.

- a) **Reactivity:** Stable.
- b) **Chemical stability:** Stable under ordinary conditions of use and storage.
- c) **Possibility of hazardous reactions:** N / A.
- d) **Conditions to avoid:** N / A.
- e) **Incompatible materials:**

Hazardous Decomposition Products: N / A.

## SECTION XI. TOXICOLOGICAL INFORMACION.

Not determined.

## SECTION XII. TOXICOLOGICAL INFORMACION.

Not determined.

## SECTION XIII. RESIDUE INFORMATION.

Dilute until acceptable solids form and adjust pH if required. Dispose of waste in accordance with state and federal laws. The surplus product can be considered waste.

## SECTION XIV. TRANSPORTATION INFORMATION.

- a) **ONU Number:** 1170 (Ethanol).

Every vehicle must be operated by at least two people: the driver and an assistant. The assistant must have the same safety knowledge and training as the driver.

Carriers must have operating permits to operate the units.

In accordance with NOM-004-SCT2-1994, which mentions the Identification System for units intended for transportation of hazardous substances, materials and waste. The destined transports will indicate the Required pictograms of the substance they transport.

Carriers should call the competent authorities in the event of a spill.

## SECTION XV. REGULATORY INFORMATION.

In Mexico the ingredients are regulated under the rules:

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- a) **NOM-O52-SEMARNAT-2005:** Hazardous Waste based on their Toxicity to the Environment.
- b) **NOM-053-SEMARNAT-2005:** Determination of Hazardous Waste due to their Toxicity to the Environment.
- c) **NOM-054-SEMARNAT-1993:** Incompatibility between Hazardous Waste.
- d) **NOM-055-SEMARNAT 2003:** Confinement of Hazardous Waste.

### SECTION XVI. ADDITIONAL INFORMATION.

**DISCLAIMER:** This MSDS is intended to provide a brief summary of our knowledge, any guidance on the use of this material. It is not intended to be a complete document of the hazards of this material. This information is offered in good faith. Each user of this material should evaluate the appropriate conditions of use and design to warn employees about the exposure of this product, damage or releases from environmental mechanisms.