

# SAFETY DATA SHEET

## 1. Identification

Product name : Hand Sanitizer Gel

### Manufacturer or supplier's details

Company name of supplier : McKenna Labs, Inc.

Address : 1601 E. Orangethorpe Ave.  
Fullerton, CA 92831-5230  
USA

Telephone : (714) 687-6888

Emergency telephone : **For emergencies only. Call CHEMTREC: 1-800-424-9300**

### Recommended use of the chemical and restrictions on use

Recommended use : Hand Sanitizer

Restrictions on use : This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this liquid gel material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

## 2. Hazard(s) identification

### GHS Classification

Flammable liquids : Category 3

Eye Irritation : Category 2A

### GHS Label element

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H226 Flammable liquid and vapor  
H319 Causes Serious eye irritation

## Precautionary Statements

**: Prevention**

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

No smoking.

P233 Keep container tightly closed.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/eye protection/face protection.

**Response:**

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

**Storage:**

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

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Other Hazards**

When heated vapors may form explosive mixture with air. Not expected for normal use.

**3. Composition/information on ingredients**

Substance/Mixture : Mixture

**Hazardous ingredients**

| Chemical Name | CAS-No. | Concentration |
|---------------|---------|---------------|
| Ethanol       | 64-17-5 | 60-75%        |
| Propan-2-ol   | 67-63-0 | < 4%          |

**4. First-aid measures**

General advice : In the case of accident or if you feel unwell, seek medical advice immediately.  
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled : If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.

In case of skin contact : Wash with water and soap as a precaution.  
Get medical attention if symptoms occur.

In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
If easy to do, remove contact lens, if worn.  
Get medical attention.

|                                                             |                                                                                                                                                               |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If swallowed                                                | : If swallowed, DO NOT induce vomiting.<br>Get medical attention if symptoms occur.<br>Rinse mouth thoroughly with water.                                     |
| Most important symptoms and effects, both acute and delayed | : Causes serious eye irritation.                                                                                                                              |
| Protection of first-aiders                                  | : First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists. |
| Notes to physician                                          | : Treat symptomatically and supportively.                                                                                                                     |

## 5. Fire-fighting measures

|                                                |                                                                                                                                                                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media                   | : Water spray<br>Alcohol-resistant foam<br>Dry chemical<br>Carbon dioxide (CO <sub>2</sub> )                                                                                                                                                      |
| Unsuitable extinguishing media                 | : High volume water jet.                                                                                                                                                                                                                          |
| Specific hazards during fire fighting          | : Do not use a solid water stream as it may scatter and spread fire.<br>Flash back possible over considerable distance.<br>Vapors may form explosive mixtures with air.<br>Exposure to combustion products may be a hazard to health.             |
| Hazardous combustion Products                  | : Carbon oxides                                                                                                                                                                                                                                   |
| Specific extinguishing methods                 | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Use water spray to cool unopened containers.<br>Remove undamaged containers from fire area if it is safe to do so.<br>Evacuate area. |
| Special protective Equipment for fire-fighters | : In the event of fire, wear self-contained breathing apparatus.<br>Use personal protective equipment.                                                                                                                                            |

## 6. Accidental release measures

|                                                                     |                                   |
|---------------------------------------------------------------------|-----------------------------------|
| Personal precautions, protective equipment and emergency procedures | : Remove all sources of ignition. |
|---------------------------------------------------------------------|-----------------------------------|

Use personal protective equipment.  
Follow safe handling advice and personal protective equipment recommendations.

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental precautions                            | <p>: Discharge into the environment must be avoided.<br/>Prevent further leakage or spillage if safe to do so.<br/>Prevent spreading over a wide area (e.g. by containment or oil barriers)<br/>Retain and dispose of contaminated wash water.<br/>Local authorities should be advised if significant spillage cannot be contained.</p>                                                                                                                                                                                                                                                         |
| Methods and material for containment and cleaning up | <p>: Non-sparking tools should be used.<br/>Soak up with inert absorbent material.<br/>Suppress (knock down) gases/vapors/mist with a water spray jet.<br/>For large spills, provide diking or other appropriate containment to keep material from spreading. Local or national regulations may apply to releases and disposal of this material, as well as those material and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.</p> |

## 7. Handling and storage

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local/Total ventilation     | : Use with local exhaust ventilation. Use only in an area equipped with explosion proof exhaust ventilation.                                                                                                                                                                                                                                                                                                                            |
| Advice on safe handling     | <p>: Do not breathe vapors. Do not swallow. Do not get in eyes. Avoid prolonged contact with skin. Handle in accordance with good industrial hygiene and safety practice.<br/>Non-sparking tools should be used. Keep container tightly closed. Keep away from heat and sources of ignition. Take precautionary measures against static discharges.<br/>Take care to prevent spills, waste and minimize release to the environment.</p> |
| Conditions for safe storage | : Do not store with the following product types:<br>Strong oxidizing agents                                                                                                                                                                                                                                                                                                                                                             |

## 8. Exposure controls/personal protection

|                      |                                                                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering measures | <p>: Minimize workplace exposure concentrations.<br/>Use only in an area equipped with explosion proof exhaust ventilation.<br/>Use with local exhaust ventilation.</p> |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                      |                                                                                                                                                                                      |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal protective equipment</b> | : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits.                                                                         |
| <b>Hand protection</b>               |                                                                                                                                                                                      |
| <b>Material</b>                      | : Impervious gloves                                                                                                                                                                  |
| <b>Material</b>                      | : Flame retardant gloves                                                                                                                                                             |
| <b>Eye protection</b>                | : Wear the following personal protective equipment:<br>Safety goggles                                                                                                                |
| <b>Hygiene measures</b>              | : Ensure that eye flushing systems and safety showers are located close to the working place.<br>When using do not eat, drink or smoke.<br>Wash contaminated clothing before re-use. |

## 9. Physical and chemical properties

### Appearance

|                                                              |                     |
|--------------------------------------------------------------|---------------------|
| <b>Physical state:</b>                                       | Liquid Gel          |
| <b>Form:</b>                                                 | Liquid              |
| <b>Color:</b>                                                | Colorless           |
| <b>Odor:</b>                                                 | Lemon               |
| <b>Odor threshold:</b>                                       | No data available.  |
| <b>pH:</b>                                                   | 5.62 – 6.88         |
| <b>Freezing point:</b>                                       | Approximate 0 °C    |
| <b>Boiling Point:</b>                                        | > 78°C              |
| <b>Flash Point:</b>                                          | 19°C                |
| <b>Evaporation rate:</b>                                     | No data available.  |
| <b>Flammability (solid, gas):</b>                            | No data available.  |
| <b>Upper/lower limit on flammability or explosive limits</b> |                     |
| <b>Flammability limit - upper (%):</b>                       | No data available.  |
| <b>Flammability limit - lower (%):</b>                       | No data available.  |
| <b>Explosive limit - upper (%):</b>                          | No data available.  |
| <b>Explosive limit - lower (%):</b>                          | No data available.  |
| <b>Vapor pressure:</b>                                       | No data available   |
| <b>Vapor density:</b>                                        | No data available   |
| <b>Relative density:</b>                                     | 0.87 – 0.90         |
| <b>Solubility(ies)</b>                                       |                     |
| <b>Solubility in water:</b>                                  | Soluble             |
| <b>Solubility (other):</b>                                   | No data available.  |
| <b>Partition coefficient (n-octanol/water):</b>              | No data available.  |
| <b>Auto-ignition temperature:</b>                            | No data available.  |
| <b>Decomposition temperature:</b>                            | No data available.  |
| <b>Viscosity:</b>                                            | 30,000 – 40,000 cps |

**10. Stability and reactivity**

|                                            |                                                                                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>                         | No data available.                                                                              |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.                                                     |
| <b>Possibility of Hazardous Reactions:</b> | Will not occur.                                                                                 |
| <b>Conditions to Avoid:</b>                | Do not freeze.                                                                                  |
| <b>Incompatible Materials:</b>             | No Data Available                                                                               |
| <b>Hazardous Decomposition Products:</b>   | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

**11. Toxicological information****Information on likely routes of exposure**

|                      |                                                      |
|----------------------|------------------------------------------------------|
| <b>Inhalation:</b>   | No data available.                                   |
| <b>Ingestion:</b>    | No data available.                                   |
| <b>Skin Contact:</b> | Causes mild skin irritation with prolonged exposure. |
| <b>Eye contact:</b>  | Causes eye irritation.                               |

**Information on toxicological effects****Acute Toxicity****Oral**

|          |                                                     |
|----------|-----------------------------------------------------|
| Product: | May cause irritation of the gastrointestinal tract. |
|----------|-----------------------------------------------------|

**Dermal**

|          |                                                            |
|----------|------------------------------------------------------------|
| Product: | Not classified for acute toxicity based on available data. |
|----------|------------------------------------------------------------|

**Inhalation**

|          |                                                            |
|----------|------------------------------------------------------------|
| Product: | Not classified for acute toxicity based on available data. |
|----------|------------------------------------------------------------|

**Skin Corrosion/Irritation:**

|          |                                                      |
|----------|------------------------------------------------------|
| Product: | Causes mild skin irritation with prolonged exposure. |
|----------|------------------------------------------------------|

**Serious Eye Damage/Eye Irritation:**

|          |                                 |
|----------|---------------------------------|
| Product: | Remarks: Causes eye irritation. |
|----------|---------------------------------|

**Respiratory sensitization:**

No data available

**Skin sensitization:**

No data available

**Specific Target Organ Toxicity - Single Exposure:**

If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.

**Aspiration Hazard:**

No data available

**Chronic Effects****Carcinogenicity:**

No data available

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity:** No data available**Reproductive Toxicity:** No data available**Specific Target Organ Toxicity - Repeated Exposure:**

No data available

**12. Ecological information****Ecotoxicity****Fish** No data available**Aquatic Invertebrates** No data available**Toxicity to Aquatic Plants** No data available**Persistence and Degradability****Biodegradation** No data available**Bioaccumulative Potential****Bioconcentration Factor (BCF)** No data available**Partition Coefficient n-octanol / water (log Kow)**

No data available

**Mobility:** No data available**Other Adverse Effects:** No data available**13. Disposal considerations****Disposal instructions:**

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of product.

**Contaminated Packaging:**

Container packaging may exhibit hazards.

**14. Transport information**

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

**U.S. Department of Transportation Ground (49 CFR)**

Proper shipping name: ORM-D Consumer Commodity –(Ethyl Alcohol), Limited Quantity

Hazard class or division: 3

Identification number: UN1170

Packing group: III

**International Air Transportation (ICAO/IATA)**

Not determined

**Water Transportation (IMO/IMDG)**

Proper shipping name: Flammable Liquid, (Ethyl Alcohol), Limited Quantity

Hazard class or division: 3

Identification number: UN 1170

Packing group: III

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials at elevated temperatures.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

None known.

**15. Regulatory information****US Federal Regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

None present or none present in regulated quantities.

**SARA 302 / 304/ 311/ 312 /313**

None present or none present in regulated quantities.

**US State Regulations****US. California Proposition 65**

No ingredient regulated by CA Prop 65 present.

**Inventory Status**

United States (TSCA)

All components of this material are on the US TSCA Inventory.

*The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.*

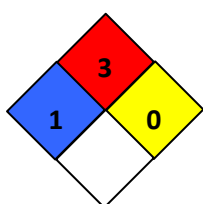
## 16. Other information, including date of preparation or last revision

## HMIS Hazard ID

|                  |   |   |
|------------------|---|---|
| Health           | 0 | 1 |
| Flammability     | 3 |   |
| Physical Hazards | 0 |   |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; \*Chronic health effect

## NFPA Hazard ID



|  |                 |
|--|-----------------|
|  | Flammability    |
|  | Health          |
|  | Reactivity      |
|  | Special hazard. |

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe

**Issue Date:** 3/25/20

**Version #:** 2.00

**Source of information:** Internal company data and other available public resources.

**Further Information:** Contact supplier (see Section 1)

**Disclaimer:** As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.