

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Code:** RCT 01 1288 HS  
**Product Name:** Gel Hand Sanitizer (Ethyl Alcohol)  
**Company Name:** Rapid Cure Technologies, Inc. **Phone Number:** +1 (888) 847-3610  
 7030 Fly Rd  
 East Syracuse, NY 13057  
**Web site address:** www.rapidcuretechnologies.com  
**Emergency Contact:** CHEMTREC +1 (800) 424-9300

**Intended Use:** Hand Sanitizer

**2. HAZARDS IDENTIFICATION**

**GHS Signal Word:** None  
**GHS Hazard Phrases:** No phrases apply.  
**GHS Precautionary Phrases:** No phrases apply.  
**GHS Response Phrases:** No phrases apply.  
**GHS Storage and Disposal Phrases:** No phrases apply.

**Additional Hazards Information** This product is regulated as an over-the-counter drug product and is labeled in accordance with the US Food and Drug Administration regulations which take precedence over OSHA Hazard Communication labeling. This material is an over-the-counter consumer product that is safe for consumers with intended and reasonably foreseeable use. Please follow label instructions.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| CAS #   | Hazardous Components (Chemical Name) | Concentration |
|---------|--------------------------------------|---------------|
| 64-17-5 | Ethyl alcohol                        | 70.0 %        |
| 67-63-0 | Isopropyl alcohol                    | <5.00 %       |

**4. FIRST AID MEASURES**

**Emergency and First Aid Procedures:**

**In Case of Inhalation:** None required under normal conditions of use. If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In Case of Skin Contact:** None required under normal conditions of use. Get medical attention if irritation persists.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do after 5 minutes and continue rinsing for an additional 15 minutes. Get medical attention if irritation persists.

**In Case of Ingestion:** Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Note to Physician:** Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

## 5. FIRE FIGHTING MEASURES

|  |   |
|--|---|
| <b>Flash Pt:</b>                         | NA Method Used: Not Applicable  |
| <b>Explosive Limits:</b>                 | LEL: No data. UEL: No data.   |
| <b>Autoignition Pt:</b>                  | No data.  |
| <b>Suitable Extinguishing Media:</b>     | Dry chemical, CO2, alcohol-resistant foam or water spray.   |
| <b>Unsuitable Extinguishing Media:</b>   | Do NOT use a solid stream of water. Water spray may be ineffective on fire but can protect firefighters and cool closed containers.             |
| <b>Fire Fighting Instructions:</b>       | As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear.    |
| <b>Flammable Properties and Hazards:</b> | Vapor may travel considerable distance to source of ignition and flash back. Cool containers with water spray until well after the fire is out. |
| <b>Hazardous Combustion Products:</b>    | High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: nitrogen.               |

## 6. ACCIDENTAL RELEASE MEASURES

|   |  |
|---|--|
| <b>Protective Precautions, Protective Equipment and Emergency Procedures:</b> | Use proper personal protective equipment as indicated in Section 8.  |
| <b>Environmental Precautions:</b>   | Do not let product enter storm drains, storm sewers, watersheds or water systems unless authorized.  |
| <b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>             | Ensure adequate ventilation. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent further leakage or spillage if safe to do so. Use clean non-sparking tools to collect absorbed material. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Following product recovery, flush area with water. |

## 7. HANDLING AND STORAGE

|   |  |
|---|--|
| <b>Precautions To Be Taken in Handling:</b> | Keep away from heat, sparks and flame. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Do not eat, drink, or smoke when using.<br>Avoid contact with eyes. Avoid inhalation of vapor or mist.  |
| <b>Precautions To Be Taken in Storing:</b>  | Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from heat, sparks and flame. Keep away from sources of ignition - No smoking. Store between 40F - 100F Keep from freezing. Protect containers against damage. Keep container tightly closed when not in use. |
| <b>Other Precautions:</b>                   | Handle in accordance with good industrial hygiene and safety practices. Keep out of reach of children.   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| CAS #   | Partial Chemical Name | OSHA TWA      | ACGIH TWA                       | Other Limits |
|---------|-----------------------|---------------|---------------------------------|--------------|
| 64-17-5 | Ethyl alcohol         | PEL: 1000 ppm | TLV: 1000 ppm<br>STEL: 1000 ppm | No data.     |
| 67-63-0 | Isopropyl alcohol     | PEL: 400 ppm  | TLV: 200 ppm<br>STEL: 400 ppm   | No data.     |

| CAS #   | Chemical Name  | Jurisdiction | Recommended Exposure Limits  | Notations |
|---|--|--------------|--|-----------|
| 64-17-5   | Ethyl alcohol  | NIOSH        | TWA: 1900 mg/m <sup>3</sup> (1000 ppm)   |           |
| 67-63-0   | Isopropyl alcohol  | NIOSH        | TWA: 980 mg/m <sup>3</sup> (400 ppm)<br>STEL: 1225 mg/m <sup>3</sup> (500 ppm) |           |
| <b>Respiratory Equipment (Specify Type):</b>    | Not required under normal conditions of use with adequate ventilation. If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.  |              |  |           |
| <b>Eye Protection:</b>                          | If splash is likely, goggles may be needed.  |              |  |           |
| <b>Protective Gloves:</b>                       | Not required under normal use conditions.  |              |  |           |
| <b>Other Protective Clothing:</b>               | Not required under normal use conditions.  |              |  |           |
| <b>Engineering Controls (Ventilation etc.):</b> | Use a local or general, mechanical exhaust ventilation system capable of maintaining emissions in the work area, below the OSHA-PEL or ACGIH-TLV. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. |              |  |           |
| <b>Work/Hygienic/Maintenance Practices:</b>     | Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.   |              |  |           |
| <b>Environmental Exposure Controls:</b>         | Do not let product enter storm drains, storm sewers, watersheds or water systems unless authorized.  |              |  |           |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |   |
|---|---|
| <b>Physical States:</b>                     | [ ] Gas [ X ] Liquid [ ] Solid  |
| <b>Appearance and Odor:</b>                 | Appearance: Clear to slightly hazy liquid. May be colorless or pale green.<br>Odor: alcohol-like. |
| <b>pH:</b>                                  | 6.5 - 8.5   |
| <b>Melting Point:</b>                       | NA  |
| <b>Boiling Point:</b>                       | NA  |
| <b>Flash Pt:</b>                            | NA Method Used: Not Applicable  |
| <b>Evaporation Rate:</b>                    | NA  |
| <b>Flammability (solid, gas):</b>           | May be ignited by friction, heat, sparks or flames.   |
| <b>Explosive Limits:</b>                    | LEL: No data. UEL: No data.   |
| <b>Vapor Pressure (vs. Air or mm Hg):</b>   | NA  |
| <b>Vapor Density (vs. Air = 1):</b>         | NA  |
| <b>Specific Gravity (Water = 1):</b>        | 0.87  |
| <b>Density:</b>                             | NA  |
| <b>Solubility in Water:</b>                 | NA  |
| <b>Saturated Vapor Concentration:</b>       | NA  |
| <b>Octanol/Water Partition Coefficient:</b> | No data.  |
| <b>Autoignition Pt:</b>                     | No data.  |
| <b>Decomposition Temperature:</b>           | No data.  |
| <b>Viscosity:</b>                           | NA  |

## 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity:</b>                                | Not reactive at normal temperatures and pressures.  |
| <b>Stability:</b>                                 | Unstable [ <input type="checkbox"/> ]    Stable [ <input checked="" type="checkbox"/> ]   |
| <b>Conditions To Avoid - Instability:</b>         | Heat, flames and sparks. Extremes of temperature and direct sunlight.   |
| <b>Incompatibility - Materials To Avoid:</b>      | Strong oxidizing agents, Halogenated compounds, Isocyanates, Ethylene oxide, Acetaldehyde, Aluminum, Acids.                       |
| <b>Hazardous Decomposition or Byproducts:</b>     | High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: nitrogen. |
| <b>Possibility of Hazardous Reactions:</b>        | Will occur [ <input type="checkbox"/> ]    Will not occur [ <input checked="" type="checkbox"/> ]                                 |
| <b>Conditions To Avoid - Hazardous Reactions:</b> | No data available.  |

## 11. TOXICOLOGICAL INFORMATION

|   |  |
|---|--|
| <b>Toxicological Information:</b>                         | <p>Epidemiology: No information available.<br/> Teratogenicity: No information available.<br/> Reproductive Effects: No information available.<br/> Mutagenicity: No information available.<br/> Neurotoxicity: No information available.</p> <p>Other Studies: CAS# 67-63-0:<br/> Acute toxicity, LD50, Oral, Rat, 5045 mg/kg.<br/> Other Studies: CAS# 64-17-5:<br/> Acute toxicity, LD50, Oral, Rat, 7060 mg/kg</p> |
| <b>Irritation or Corrosion:</b>                           | <p>Other Studies: CAS# 67-63-0:<br/> Standard Draize Test, Skin, Species: Rabbit, 500 mg<br/> Standard Draize Test, Eyes, Species: Rabbit, 100 mg, 24H.<br/> Other Studies: CAS# 64-17-5:<br/> Standard Draize Test, Skin, Species: Rabbit, 20 mg, 24H<br/> Standard Draize Test, Eyes, Species: Rabbit, 500 mg, 24H.</p>  |
| <b>Symptoms related to Toxicological Characteristics:</b> | May cause serious eye irritation. Prolonged contact may cause skin irritation. Inhalation of high concentration may cause rapid respiration, dizziness, fatigue, and nausea.   |
| <b>Sensitization:</b>                                     | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  |
| <b>Carcinogenicity/Other Information:</b>                 | No data available.   |
| <b>Carcinogenicity:</b>                                   | Ethanol possesses properties that indicate a carcinogenicity hazard for human health but these are manifest only at doses associated with consumption of alcoholic beverages. In the context of an industrial chemical, these hazards do not warrant concern as these are not likely to result from the manufacture and use of ethanol and ethanol containing products.  |
| <b>Carcinogenicity:</b>                                   | NTP? No      IARC Monographs? No      OSHA Regulated? No   |

## 12. ECOLOGICAL INFORMATION

|  |  |
|--|--|
| <b>General Ecological Information:</b>     | Environmental: No information available.<br>Physical: No information available.  |
|  | Other Studies: CAS# 67-63-0:<br>LC50, Water Flea (Daphnia magna), 10000 mg/L, 24H<br>LC50, Fathead Minnow (Pimephales promelas), 6550000 ug/L, 96H.  |
|  | Other Studies: CAS# 64-17-5:<br>LC50, Water Flea (Daphnia magna), neonate, 5680 mg/L, 48H<br>LC50, Fathead Minnow (Pimephales promelas), juveniles, 13480000 ug/L, 96H<br>LC50, Brine shrimp (Artemia salina), 695350 ug/L, 24H. |
| <b>Results of PBT and vPvB assessment:</b> | No data available.   |
| <b>Persistence and Degradability:</b>      | No data available.   |
| <b>Bioaccumulative Potential:</b>          | No data available.   |
| <b>Mobility in Soil:</b>                   | No data available.   |

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Observe all federal, state, and local environmental regulations.

## 14. TRANSPORT INFORMATION

### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Alcohols, n.o.s.

**DOT Hazard Class:** 3  
**UN/NA Number:** UN1987  
**Packing Group:** II

May be shipped as limited quantity when transported in quantities no larger than 1 gallon per US DOT PHMSA during COVID-19 National Emergency  
FLAMMABLE LIQUID



## 15. REGULATORY INFORMATION

### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS #   | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|---------|--------------------------------------|--------------|-----------|--------------|
| 64-17-5 | Ethyl alcohol                        | No           | No        | No           |
| 67-63-0 | Isopropyl alcohol                    | No           | No        | Yes (5%)     |

### EPA SARA Title III Section 313 Toxic Release Inventory.

This product contains a toxic chemical or chemicals subject to the reporting requirements of EPCRA Section 313 (40 CFR Section 372).

| CAS #   | Hazardous Components (Chemical Name) | Other US EPA or State Lists   |
|---------|--------------------------------------|---|
| 64-17-5 | Ethyl alcohol                        | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No |
| 67-63-0 | Isopropyl alcohol                    | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIb, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No;  |

# SAFETY DATA SHEET

## Hand Sanitizer Gel (Ethyl Alcohol)

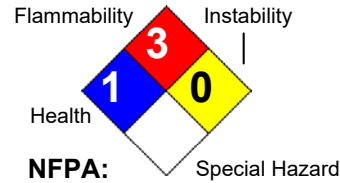
NJ EHS: Yes - 1076; NY Part 597: No; PA HSL: Yes - E; SC  
TAP: No

**Regulatory Information:** Colorless - NDC Code: 13707-1113  
Pale Green - NDC Code: 13707-1114.

### 16. OTHER INFORMATION

**Revision Date:** 07/1/2020  
**Preparer Name:** Rapid Cure Technologies, Inc.

**Hazard Rating System:**



**Additional Information:** 7/1/2020 Original Issue

**Company Policy or Disclaimer:** Information presented herein is believed to be accurate and reliable to the best of our knowledge. However, we make no warranty or merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Users should make their own investigations to determine the suitability of the information for their particular purposes.