



**RAINBOW TECHNOLOGY**  
Specialists in Utility Chemicals & Safety Items

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Woman-Owned Business Enterprise - Founded 1971

## Safety Data Sheet (SDS)

### SECTION I - IDENTIFICATION

**Customer** RAINBOW TECHNOLOGY  
**Product Name** Instant Hand Sanitizer  
**Product Number** 7152  
**Manufacturer/Supplier** Rainbow Technology Corporation  
 261 Cahaba Valley Parkway  
 Pelham, AL 35124  
 800.637.6047  
[www.rainbowtech.net](http://www.rainbowtech.net)  
**Contact Person** Larry Joe Steele, Jr.  
**Emergency Information** CHEMTEL 1-800-255-3924  
 813-248-0585 if located outside the U.S.

**Revised Date:** June 8, 2015  
**Preparation Date:** February 14, 2014

### SECTION II – HAZARDS IDENTIFICATION

**CLASSIFICATION:** Flammable Liquid: Category 2

Eye Irritant: Category 2b

**HAZARD STATEMENT(S):** **Danger:** Highly flammable liquid and vapor Causes eye irritation.

This product contains the following percentage of chemicals of unknown toxicity: 0%

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Keep container tightly closed. Wear eye protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. In case of fire use dry chemical, foam, or carbon dioxide. Store in a well-ventilated place. Keep cool. Dispose of contents and container in accordance with local, state, and national regulations. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.



SYMBOL:

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

### SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Ethyl Alcohol	64-17-5	60%
Isopropyl Alcohol	67-63-0	1-5%

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## SECTION IV - FIRST AID MEASURES

**EYES:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**INGESTION:** If swallowed: Rinse Mouth. Do NOT induce vomiting. Get medical advice or attention.

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If heartbeat or breathing seems irregular seek immediate medical attention.

**SKIN:** First aid is not normally required.

**ACUTE HEALTH HAZARDS:** None Known

**CHRONIC HEALTH HAZARDS:** None known

**NOTE TO PHYSICIAN:** There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

## SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Carbon dioxide, standard chemical fire extinguisher, and water fog.

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N/A

**HAZARDOUS COMBUSTION PRODUCTS:** None Known

## SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

## SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Store in a well ventilated place. Keep cool. Wear eye protection.

**OTHER PRECAUTIONS:** None

**INCOMPATIBILITY:** Strong oxidizing agents.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Ethyl Alcohol	1000 ppm	1000 ppm
Isopropyl Alcohol	500 ppm	400 ppm

**ENGINEERING CONTROLS / VENTILATION:** General ventilation and local exhaust should be adequate.

**RESPIRATORY PROTECTION:** Not required with normal use.

**PERSONAL PROTECTIVE EQUIPMENT:** None

**ADDITIONAL MEASURES:** Take precautionary measures against static discharge. Wear eye protection. Wash hands thoroughly after handling.

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## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, Colorless Liquid  
**ODOR:** Mild odor  
**ODOR THRESHOLD:** N/D  
**BOILING POINT:** 80°C (176°F)  
**FREEZING POINT:** N/D  
**FLAMMABILITY:** Highly Flammable Liquid  
**FLASH POINT:** 53°F (12°C)  
**AUTOIGNITION TEMPERATURE:** N/D  
**LOWER FLAMMABILITY LIMIT:** N/A  
**UPPER FLAMMABILITY LIMIT:** N/A  
**VAPOR PRESSURE (mm Hg):** Not Established  
**VAPOR DENSITY (AIR=1):** 1  
**EVAPORATION RATE:** < 0.8 (Slow)  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.89 @ 77° F (25° C)  
**pH:** 6-7  
**SOLIDS (%):** N/D  
**SOLUBILITY IN WATER:** 100%  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D  
**VOLATILITY INCLUDING WATER (%):** 99%  
**VOLATILE ORGANIC COMPOUNDS (VOC):** 0%  
**DIELECTRIC STRENGTH (Volts):** N/A  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

## SECTION X – STABILITY AND REACTIVITY DATA

**REACTIVITY:** None Known  
**CHEMICAL STABILITY:** Stable  
**CONDITIONS TO AVOID:** Sources of ignition.  
**INCOMPATIBILITY:** Strong oxidizing agents.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon  
**POSSIBLE HAZARDOUS REACTIONS:** None Known

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Not Established  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation  
**EYES:** May cause mild irritation.  
**INGESTION:** Not a likely route of exposure under normal product handling conditions.  
**INHALATION:** No hazards with normal use. May cause irritation of the respiratory tract.  
**SKIN:** Product is meant to be applied to skin. If you suspect a reaction discontinue use, take off clothing, and rinse skin immediately with water for 15-20 minutes.  
**MEDICAL CONDITION AGGRAVATED:** Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.  
**ACUTE HEALTH HAZARDS:** None Known  
**CHRONIC HEALTH HAZARDS:** None known  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

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## SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Not Established  
**BIODEGRADABILITY:** This product is biodegradable.  
**BIOACCUMULATION:** This product is not expected to bioaccumulate.  
**SOIL MOBILITY:** This product is mobile in soil.  
**OTHER ECOLOGICAL HAZARDS:** None Known

## SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.  
**RCRA STATUS:** Product should be fully characterized prior to disposal (40 CFR 261).

## SECTION XIV - TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Flammable liquid, n.o.s., Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 3  
**UN/NA NUMBER:** N/A  
**PACKAGING GROUP:** II

### AIR SHIPMENT

**PROPER SHIPPING NAME:** Flammable liquid, n.o.s., Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 3  
**UN/NA NUMBER:** N/A  
**PACKAGING GROUP:** II

### SHIPPING BY WATER:

**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Flammable liquid, n.o.s., Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 3  
**UN/NA NUMBER:** N/A  
**PACKAGING GROUP:** II  
**ENVIRONMENTAL HAZARDS WATER:** N/A

## SECTION XV - REGULATORY INFORMATION

**TSCA STATUS:** All Chemicals are listed or exempt.  
**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None  
**SARA 311/312 HAZARD CATEGORIES:** None  
**SARA 313 REPORTABLE INGREDIENTS:** None  
**CLEAN WATER ACT:** None  
**STATE REGULATIONS:** California Proposition 65: None  
**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	3	<b>HMIS FLAMMABILITY:</b>	3
<b>NFPA REACTIVITY:</b>	0	<b>HMIS REACTIVITY:</b>	0
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	A

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## SECTION XVI - ADDITIONAL INFORMATION

N/A = Not Applicable; N/D = Not Determined

**DISCLAIMER:** To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.