

# **Material Safety Data Sheet**

## and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name INSTANT HAND SANITIZER

Product Use Hand Sanitizer

Product Code 0908

Date of issue 10/11/06 Supersedes 11/10/04

**Emergency For MSDS Information:** 

**Telephone** Acuity Specialty Products Group, Inc.

Numbers Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency

INFOTRAC:

(877) 541-2016 Toll Free - All Calls Recorded

For a Transportation Emergency

CHEMTREC:

(800) 424-9300 - All Calls Recorded

In the District of Columbia (202) 483-7616

**HMIS** 

3

Health

ire Hazard

Personal Protection

Reactivity

**Prepared by Compliance Services Group** 

Acuity Specialty Products Group 1420 Seaboard Industrial Blvd.

Atlanta, GA 30318

Section 2. Composition. Information on Ingredients

| Name of Hazardous Ingredients                        | CAS#    | % by Weight | <b>Exposure Limits</b>   |
|--|---------|-------------|--|
| ETHANOL; ethyl alcohol; grain alcohol                | 64-17-5 | 62          | OSHA (United States).<br>TWA: 1000 ppm   |
| ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol | 67-63-0 | <5          | ACGIH TLV (United States). TWA: 200 ppm 8 hour(s). OSHA PEL (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s). |

#### Section 3. Hazards Identification

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**Acute Effects** 

Routes of Entry Ingestion.

Skin Non-irritating under conditions of use. Prolonged or repeated contact may dry skin and cause

rritation.

**Eyes** Causes eye irritation. Inflammation of the eye is characterized by redness, watering, and

itching.

**Inhalation** No known acute effects of this product resulting from inhalation.

**Ingestion** DO NOT swallow. Large quantities may cause nausea, upset stomach, loss of appetite.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

**Carcinogenic Effects** 

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects** 

The substance may be toxic to kidneys, liver, central nervous system (CNS), optic nerve. Repeated or prolonged exposure to the substance can produce target organs damage. Prolonged or repeated contact may dry skin and cause irritation. May be harmful by inhalation after often repeated exposure.

See Toxicological Information (section 11)

#### Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15

minutes, keeping eyelids open. Get medical attention.

**Skin Contact** This product is formulated for use on the skin. If irritation, redness or discomfort is present, get medical

attention.

**Inhalation** No known acute effects of this product resulting from inhalation. If excessive quantities inhaled, remove to

fresh air.

**Ingestion** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to

an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical

attention immediately.

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Section 5. Fire Fighting Measures

Flash Point Closed cup: 23.3°C (73.9°F). Flammable Limits LOWER: 2% UPPER: 12%

(Tagliabue.)

Flammability FLAMMABLE.

**Fire Hazard** Flammable liquid and vapor. Vapor may cause flash fire.

**Fire-Fighting Procedures** Use DRY chemicals, CO<sub>2</sub>, alcohol foam. Wear special protective clothing

and positive pressure, self-contained breathing apparatus.

Section 6. Accidental Release Measures

Spill Clean up Eliminate all ignition sources. Put on appropriate personal protective equipment (see Section 8). Absorb with

an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Product forms slippery surface when combined with water.

Section 7. Handling and Storage

**Handling** Keep away from heat, sparks and flame. Keep container closed. Avoid contact with eyes. Apply this product only

as specified on the label.

**Storage** Store and use away from heat, sparks, open flame, or any other ignition source. Protect from freezing. Keep

container tightly closed and dry. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Personal Protection Protective Clothing (Pictograms)

Body No special measures required.
Respiratory No special measures required.

Section 9. Physical and Chemical Properties

Physical State<br/>pHViscous liquid.<br/>Not available.Color Clear. Colorless.<br/>Odor Pleasant. CitrusBoiling Point163°C (325.4°F)Vapor Pressure<br/>Vapor DensityNot determined.Specific Gravity0.92 (Water = 1)Vapor DensityNot determined.

Solubility Not applicable. Evaporation Rate 1.7 compared to Butyl acetate. VOC (Consumer) 596.97 (g/l). 4.98 lbs/gal 65.00%

Section 10. Stability and Reactivity

**Stability and Reactivity** The product is stable.

**Incompatibility** Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO<sub>2</sub>)

Section 11. Toxicological Information

**Toxicity to Animals** Ethanol:

ORAL (LD50): Acute: 7060 mg/kg [Rat].

DERMAL (LD50): Acute: 2000 mg/kg [Rabbit].

VAPOR (LC50): Acute: 3000 ppm 4 hour(s) [Rat].

Isopropyl Alcohol:

ORAL (LD50): Acute: 4700 mg/kg [Rat].
DERMAL (LD50): Acute: 13000 mg/kg [Rabbit].

VAPOR (LC50): Acute: 22500 ppm 8 hour(s) [Rat (Male)]. 19000 ppm 8 hour(s) [Rat

(Female)].

Section 12. Ecological Information

**Ecotoxicity** Not available. **Biodegradable/OECD** Not available.

Section 13. Disposal Considerations

Waste must be disposed of in accordance with federal, Waste Stream Code: D001

**Information** state and local environmental control regulations. Classification: - (Hazardous waste.)

Consult your local or regional authorities.

Product Code 0908 Material Safety Data Sheet Product Name INSTANT HAND SANITIZER

### Section 14. Transport Information

**Proper shipping name** Consumer Commodity

**DOT Classification** ORM-D **UN number** Not available.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

#### Section 15. Regulatory Information

**U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:

No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

#### Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever 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 hazards that exist.