



Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-877-I-BUY-ZEP (428-9937)
Superior Solutions www.zep.com

Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name **INSTANT HAND SANITIZER**
Product use
Product code **0878**
Date of issue **06/26/07** **Supersedes 02/11/04**

Emergency Telephone Numbers **For MSDS Information:**
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency
CHEMTREC: (800) 424-9300 - All Calls Recorded
In the District of Columbia (202) 483-7616

NIAGARA SPECIALTY METALS
12600 CLARENCE CENTER ROAD
AKRON NY 14001

Printing date: 04/26/11

Prepared By
Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	55-65	OSHA (United States). TWA: 1000 ppm

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Not applicable

Skin Non-irritating under recommended conditions of use.

Eyes Direct contact may cause irritation, redness, lacrimation, and pain.

Inhalation Inhalation unlikely in this form.

Ingestion May be harmful if swallowed. May cause mild gastric irritation, abdominal spasms, nausea and faintness.

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 No known chronic effects from exposure.

See Toxicological Information (section 11)

HMIS

Health	0
Fire Hazard	3
Reactivity	0
Personal Protection	N/A

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Check for and remove any contact lenses. Get medical attention.

Skin Contact This product is formulated for use on the skin. Discontinue use if irritation and redness develop. If condition persists for more than 72 hours, consult a doctor.

Inhalation Inhalation unlikely in this form.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

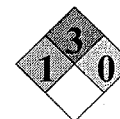
Section 5. Fire Fighting Measures

Flash Point Closed cup: 23.3°C (74°F). **Flammable Limits** Lower: 2% Upper: 12%
(Tagliabue.)

Flammability Flammable liquid. Gel structure inhibits combustibility of solvent.

Fire hazard Store and use away from heat, sparks, open flame or any other ignition source.

Fire-fighting procedures Use alcohol-resistant foam or water spray or fog.



Section 6. Accidental Release Measures

Spill Clean up Eliminate all ignition sources. Absorb with an inert material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling Keep away from heat, sparks and flame. Avoid contact with eyes. Keep out of the reach of children.
Storage Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8. Exposure Controls, Personal Protection**Personal Protection****Protective Clothing (Pictograms)**

Eyes Not applicable.
Body Not applicable.
Respiratory No special protection is required.

Section 9. Physical and Chemical Properties

Physical State	Viscous liquid. (Gel)	Color	Clear. Colorless.
pH	7.0 - 8.0	Odor	Lemon (Slight.)
Boiling Point	Not available.	Vapor Pressure	Not available.
Specific Gravity	0.894 (Water = 1)	Vapor Density	Not available.
Solubility	Not available.	Evaporation Rate	>1 compared with Butyl acetate.
		VOC (Consumer)	60.0%

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 Not available.

Section 11. Toxicological Information

Toxicity to Animals **Ethanol:**^[25,45,50,70
ORAL (LD50):□Acute: 7060 mg/kg [Rat].
DERMAL (LD50):□Acute: 2000 mg/kg [Rabbit].
VAPOR (LC50):□Acute: 3000 ppm 4 hour(s) [Rat].

Section 12. Ecological Information

Ecotoxicity Not available.
Biodegradable/OECD Not available.

Section 13. Disposal Considerations

Waste Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream Code: D001
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Flammable liquid, n.o.s. (Ethanol) or Consumer commodity ORM-D in Limited Quantities
DOT Classification Class 3: Flammable liquid. **UN number** 1993
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.

TDG Classification - TDG Class 3.3: Flammable liquid with a flash point between 23°C (73°F) and 61°C (142°F).

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.

State Regulations California Prop. 65: No products were found.

WHMIS (Canada) Class B-2: Flammable liquid with a flash point lower than 37.8°C (100°F).

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.*