



ZEP Manufacturing Company  
 Acuity Specialty Products Group, Inc.  
 P.O. Box 2015  
 Atlanta, GA 30301  
 1-877-1-BUY-ZEP (428-9937)  
 www.zep.com

# Material Safety Data Sheet and Safe Handling and Disposal Information

## Section 1. Chemical Product and Company Identification

**Product name** Meter Mist Autumn Harvest  
**Product Use** Odor Counteractant  
**Product Code** 3354  
**Date of issue** 07/10/07 **Supersedes** 08/18/04

### Emergency For MSDS Information:

**Telephone Numbers** Acuity Specialty Products Group, Inc.  
 Compliance Services 1-877-1-BUY-ZEP

TRANSPORTATION DEPT

GLOUCESTER CITY SCHOOL GARAGE  
 RT 17  
 5644 GEORGE WASHINGTON MEMORIAL HWY  
 GLOUCESTER VA 23061

**For Medical Emergency**  
 INFOTRAC:

APR 03 2008

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

GCPS

**For a Transportation Emergency**  
 CHEMTREC:

(800) 424-9300 - All Calls Recorded

In the District of Columbia (202) 483-7616

Printing date: 03/28/08

**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	Exposure Limits
ACETONE; dimethyl ketone	67-64-1	55-65	OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH (United States). STEL: 750 ppm 15 minute(s). Not established
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	<10	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<10	
PROPANE; liquefied petroleum gas	68476-85-7	20-30	

## Section 3. Hazards Identification

### Acute Effects

**Routes of Entry** Eye contact, Inhalation.

**Skin** Non-irritating under recommended conditions of use. Prolonged or repeated contact may irritate skin and cause irritation.

**Eyes** Direct contact may cause irritation and redness.

**Inhalation** Non-irritating under recommended conditions of use. Overexposure by inhalation may cause respiratory irritation. Avoid breathing vapors or spray mists.

**Ingestion** Unlikely in this form.

**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.

### HMS

Health	1
Environment	1
Reactivity	0
Personal Protection	N/A

**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)

## 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** Wash with soap and water. If irritation persists, get medical attention.

**Inhalation** If inhaled, remove to fresh air. If irritation persists, get medical attention.

**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.



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# 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 For MSDS Information:**  
**Telephone Numbers** Acuity Specialty Products Group, Inc.  
 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

**Prepared by** Compliance Services Group  
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GLOUCESTER CITY SCHOOL GARAGE  
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TRANSPORTATION DEPT

Printing date DEC 12 2007

GHS

## 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

### HMIS

Health	0
Reactivity	3
Personal Protection	N/A

**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)

## 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.

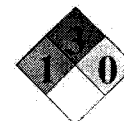
## Section 5. Fire Fighting Measures

**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 foam, 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**

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

**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.

**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.*