



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

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name M.V.P.
Product Use Waterless Liquid Hand Cleaner
Product Code 0927
Date of issue 08/06/04 **Supersedes** 05/07/98

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
 Compliance Services 1-877-I-BUY-ZEP

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

Printing date: 08/06/04

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
D-LIMONENE - orange distillate; citrus terpene; cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-	5989-27-5	20-30	Not available.

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Not applicable.
Skin Hazardous in case of skin contact (sensitizer). May cause allergic reactions to certain individuals.
Eyes Hazardous in case of eye contact (irritant). May cause eye irritation. Inflammation of the eye is characterized by redness, watering, and itching.
Inhalation Inhalation not likely under normal use conditions.
Ingestion Aspiration hazard if swallowed- can enter lungs and cause damage.

HMIS	
Health	0
Fire Hazard	0
Reactivity	0
Personal Protection	A

Carcinogenic Effects Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.
Chronic Effects There is no known effect from chronic exposure to this product.

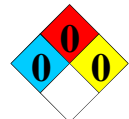
See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.
Skin Contact This product is formulated for use on the skin, but should always be immediately rinsed off with plenty of water.
Inhalation Inhalation not likely under normal use conditions.
Ingestion Aspiration hazard if swallowed- can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Not determined. **Flammable Limits** Not applicable.
Flammability Gel structure inhibits combustibility of solvent.
Fire Hazard Not applicable.
Fire-Fighting Procedures Use DRY chemicals, CO₂, water spray or foam.



Section 6. Accidental Release Measures

Spill Clean up 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.

Section 7. Handling and Storage

Handling Avoid contact with eyes.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 40°F - 120°F. Keep out of the reach of children.

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

Eyes No special protection is required.

Body No special protective clothing is required.

Respiratory No special protection is required.

Section 9. Physical and Chemical Properties

Physical State Liquid. (Viscous liquid.)

Color White.

pH 4.8-5.2

Odor Citrus

Boiling Point Not available.

Vapor Pressure Not available. Not determined.

Specific Gravity 0.95 (Water = 1)

Vapor Density Not determined.

Solubility Emulsifies in water.

Evaporation Rate Not determined.

VOC (Consumer) 279 (g/l). (28.6%, 2.33 lbs./gal.)

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility No incompatible product according to our database.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂) nitrogen oxides (NO, NO₂...)

Section 11. Toxicological Information**Toxicity to Animals****d-Limonene:**

ORAL (LD50): Acute: 5600 mg/kg [Mouse]. 4400 mg/kg [Rat].

DERMAL (LD50): Acute: >5000 mg/kg [Rabbit].

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, **Waste Stream** Code: - (None.)

Information state and local environmental control regulations. Classification: - (Non-hazardous waste)

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name Not applicable.

DOT Classification Not a DOT controlled material (United States).

UN number Not regulated.

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.

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.