



ZEP Manufacturing Company
Acuity Specialty Products Group, Inc.
P.O. Box 2015
Atlanta, GA 30301
1-877-I-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 LEMON CONQUER
Product Use Deodorants
Product Code 1794
Date of issue 10/05/05 **Supersedes** 04/23/90

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

Prepared by Compliance Services Group
Acuity Specialty Products Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Printing date: 10/06/05

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	1 - 10	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). Not established
NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL - npe; poly (oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy	9016-45-9	1 - 10	

Section 3. Hazards Identification

Acute Effects

Routes of Entry Eye contact. Inhalation.

Skin No known acute effects of this product resulting from skin contact. Prolonged or repeated contact may dry skin and cause irritation.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Avoid direct inhalation of spray. Over-exposure by inhalation may cause respiratory irritation.

Ingestion Can cause gastrointestinal disturbances.

HMIS	
Health	1
Fire Hazard	2
Reactivity	0
Personal Protection	B

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 liver. Repeated or prolonged exposure to the substance can produce target organs damage.

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 immediately.

Skin Contact

Wash with soap and water. Get medical attention if irritation develops.

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. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Closed cup: 37.77°C (100°F).	Flammable Limits Not available.
Flammability	May be combustible.	
Fire Hazard	Vapor may cause flash fire. May emit toxic fumes under fire conditions.	
Fire-Fighting Procedures	Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.	

**Section 6. Accidental Release Measures**

Spill Clean up	Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
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Section 7. Handling and Storage

Handling	Keep away from heat, sparks and flame. Keep container closed. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Do not ingest. Wash thoroughly after handling. Observe label precautions.
Storage	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). Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Safety glasses.	
Body	For prolonged or repeated handling, use gloves. Recommended: Rubber gloves. Nitrile gloves. Neoprene gloves.	
Respiratory	Use with adequate ventilation. Avoid direct inhalation of spray.	

Section 9. Physical and Chemical Properties

Physical State	Liquid.	Color Clear. Yellow. (Light.)
pH	8.0 - 9.0	Odor Lemon like.
Boiling Point	>87.77°C (190°F)	Vapor Pressure Not determined.
Specific Gravity	0.99 (Water = 1)	Vapor Density Not determined.
Solubility	Soluble in cold water, hot water.	Evaporation Rate 1 compared to Water
		VOC (Consumer) 92.65 (g/l). 0.77 lbs/gal 9.47%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive to reactive with oxidizing agents.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information

Toxicity to Animals	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)].
	Nonylphenoxy poly(Ethyleneoxy)Ethanol: ORAL (LD50): Acute: 3310 mg/kg [Rat]. DERMAL (LD50): Acute: 2000 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, state and local environmental control regulations.
Information	

Consult your local or regional authorities.

Section 14. Transport Information

Proper shipping name	None.
DOT Classification	Not a DOT controlled material (United States).

UN number Not regulated.

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.