



ENFORCER Products
 A Division of Acuity Specialty Products Group,
 Inc.
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 1-888-805-HELP
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Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name **Zep Odor Control Concentrate**

Product Code **ZUOCC**

Date of issue **10/05/07** **Supersedes**

This product is a registered pesticide. Number: 6836-165-40849

Emergency Telephone Numbers **For a Medical Emergency:**
 INFOTRAC
 (877) 541-2016 (Toll Free - Calls Recorded)

For a Transportation Emergency:
 CHEMTREC
 (800) 424-9300 (Toll Free - Calls Recorded)

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
NONYLPHENOXY POLY(ETHYLENEOXY) ETHANOL - npe; poly(oxy-1,2-ethanediy), alpha-(nonylphenyl)-omega-hydroxy	9016-45-9	1 - 5	Not established
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	1 - 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).
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE; Barquat 80-28	68424-85-1	1 - 5	Not established

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Dermal contact. Eye contact. Ingestion.

Skin Causes skin irritation. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Eyes Causes eye burns. Direct contact with the eyes can cause irreversible damage including blindness.

Inhalation Over-exposure by inhalation may cause respiratory irritation.

Ingestion Harmful if swallowed. May cause burns to mouth, throat, and stomach.

HMIS	
Health	2
Fire Hazard	0
Reactivity	0
Personal Protection	B

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

Chronic Effects The substance may be toxic to kidneys, liver, ears. 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 In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. Seek medical attention if irritation persists.

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	Not applicable.	Flammable Limits	Not applicable.
Flammability	Non combustible.		
Fire Hazard	May emit toxic fumes under fire conditions.		
Fire-Fighting Procedures	Use extinguishing media suitable for surrounding materials.		

**Section 6. Accidental Release Measures**

Spill Clean up	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	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Observe label precautions. Do not reuse container.
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

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

Eyes	Splash goggles.
Body	Protective gloves should be worn under normal conditions of use.
Respiratory	No special measures required.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid.	Color	Clear. Colorless to light yellow.
pH	6.0 - 7.0	Odor	Lemon.
Boiling Point	Not available.	Vapor Pressure	Not determined.
Specific Gravity	1.01 (Water = 1)	Vapor Density	Not determined.
Solubility	Easily soluble in cold water, hot water.	Evaporation Rate	Not determined.
		VOC (Consumer)	15.12 (g/l). 0.13 lbs/gal (1.50%)

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, CO ₂); nitrogen oxides (NO, NO ₂ ...); ammonia; hydrogen chloride (HCl)

Section 11. Toxicological Information

Toxicity to Animals	Nonylphenoxy poly(Ethyleneoxy) Ethanol:
	ORAL (LD50): Acute: 3310 mg/kg [Rat].
	DERMAL (LD50): Acute: 2000 mg/kg [Rabbit].
	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)].
	N-Alkyl dimethyl benzyl ammonium chloride:
	DERMAL (LD50): Acute: 3346 mg/kg [Rabbit].

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	Non-hazardous waste
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 applicable.
TDG Classification	Not a TDG controlled material.

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.

State Regulations

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute : Benzene, Toluene, Benzyl Chloride, Propylene Oxide

WHMIS (Canada)

Class D-2B: Material causing other toxic effects (TOXIC).

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.