



Zep Commercial
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Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

126147 Part# ZU0812128
FLOOR FINISH,ZEP,HI TRAFF,GAL
4867 ZEP RETAIL SALES & SERVICE
Buyer: Linda J. Kosakowski

Product name High Traffic Floor Finish
Product code ZU0812
Date of issue 11/08/07 **Supersedes**

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 404-603-7903

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

Prepared By

Compliance Services Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

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WARNING.
CAUSES EYE AND SKIN IRRITATION.
MAY BE HARMFUL IF ABSORBED THROUGH SKIN.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects **Routes of Entry** Skin contact. Eye contact.

Eyes Causes eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin Causes skin irritation. May be harmful if absorbed through the skin. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation Inhalation of high concentrations of vapor may affect the central nervous system. Can cause dizziness, light-headedness, headache, nausea and blurred vision.

Ingestion Harmful if swallowed. Ingestion may cause nausea, weakness and central nervous system effects.

Chronic effects Repeated or prolonged exposure to the substance can produce damage to kidneys, liver. Repeated or prolonged contact with irritants may cause dermatitis.

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

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
DIPROPYLENE GLYCOL METHYL ETHER; dipropylene glycol monomethyl ether	34590-94-8	1 - 5
2-(2-ETHOXYETHOXY)-ETHANOL; diethylene glycol monoethyl ether, ethoxydiglycol	111-90-0	1 - 5

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.

Skin Contact Rinse with plenty of running water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. Get medical attention if adverse health effects persist or are severe.

Ingestion Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point None.

Flammable Limits Not applicable.

Flammability Non-flammable.

Fire hazard No specific hazard.

Fire-Fighting Procedures No special precautions or equipment.

Section 6. Accidental Release Measures

Spill Clean up Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Use with adequate ventilation. Do not ingest. Do not reuse container.

Storage Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Protect from freezing. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C).

Section 8. Exposure Controls/Personal Protection**Product name**

Dipropylene Glycol Methyl Ether

Exposure limits

ACGIH TLV (United States, 2003). Skin
TWA: 100 ppm 8 hour(s).
STEL: 150 ppm 15 minute(s).

OSHA PEL (United States, 2003). Skin
TWA: 100 ppm 8 hour(s).

Personal Protective Equipment (PPE)

Eyes Safety glasses with side-shields

Body For prolonged or repeated handling, use the following type of gloves: Nitrile, Neoprene, latex rubber

Respiratory Ensure ventilation is adequate if there is a risk of vapor build-up.

Section 9. Physical and Chemical Properties

Physical State Liquid. **Color** Milky-white, Translucent.

pH 8.0 - 9.0 **Odor** Characteristic.

Boiling Point 100°C (212°F) **Vapor Pressure** Not determined.

Specific Gravity 1.02 (Water = 1) **Vapor Density** Not determined.

Solubility Easily soluble in the following materials: cold water and hot water. **Evaporation Rate** Not determined.

VOC (Consumer) 64 (g/l). 0.54 lb/gal 6.3%

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Reactive or incompatible with the following materials: oxidizing materials.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Dipropylene Glycol Methyl Ether	LD50 Dermal	Rabbit	13000 mg/kg	-
	LD50 Oral	Rat	5220 mg/kg	-
Diethylene Glycol Monoethyl Ether	LD50 Dermal	Rabbit	9143 mg/kg	-
	LD50 Oral	Rat	10502 mg/kg	-
	LD50 Oral	Mouse	6301 mg/kg	-
	LC50 Inhalation Vapor	Rat	>200 mg/L	1 hours

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-regulated waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Not regulated.	Not applicable	-	
TDG Classification	None.	Not regulated.	Not applicable	-	
IMDG Class	Not available.	Not available.	Not available.	-	

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.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

Product name

Diethylene Glycol Monoethyl Ether

CAS number**Concentration**

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: Diethylene Glycol Monoethyl Ether

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 **WARNING:** This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: Ethylene Glycol Monoethyl Ether

Canada

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.

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSS under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.