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Material Safety Data Sheet

and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name ZEP X-11094
Product use Heavy Duty Floor Stripper and Latex Resin Remover
Product code 5966
Date of issue 01/26/06 **Supersedes** 01/16/03

Emergency Telephone Numbers

For MSDS Information:
Compliance Services 1-877-I-BUY-ZEP (428-9937)

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

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Section 2. Composition, Information on Ingredients

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
MONOETHANOLAMINE; 2-aminoethanol; MEA	141-43-5	20 - 30	OSHA PEL / ACGIH TLV (United States). TWA: 3 ppm 8 hour(s). OSHA /ACGIH (United States). STEL: 6 ppm 15 minute(s). ACGIH TLV (United States). TWA: 20 ppm 8 hour(s).
ETHYLENE GLYCOL MONOBUTYL ETHER; 2-butoxyethanol; butyl cellosolve	111-76-2	20 - 30	OSHA PEL (United States). Skin TWA: 50 ppm 8 hour(s). ACGIH / OSHA (United States). CEIL: 2 mg/m ³
SODIUM HYDROXIDE; caustic soda; soda lye	1310-73-2	<5	ACGIH TLV / OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	<5	

Section 3. Hazards Identification

Acute Effects

Routes of Entry Dermal contact. Inhalation.

Skin Corrosive to the skin. Skin contact may produce burns. The amount of tissue damage depends on length of contact. Harmful if absorbed through the skin.

Eyes Corrosive to eyes on contact. Eye exposure may cause severe and permanent eye injury (blindness).

Inhalation Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath. Can cause central nervous system (CNS) depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Medical conditions aggravated by over-exposure Respiratory

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

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

Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation, leading to frequent attacks of bronchial infection. The substance may be toxic to blood, kidneys, lungs, liver, upper respiratory tract, skin, eyes. Overexposure of this product by inhalation or absorption can produce central nervous system depression resulting in headache, nausea and/or dizziness. Repeated or prolonged exposure to the substance can produce target organs damage.

See Toxicological Information (section 11)

HMIS

Health	3
Fire Hazard	2
Reactivity	0
Personal Protection	C

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
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: 57.8°C (136°F). (Tagliabue.)	FLAMMABLE LIMITS Not determined.
Flammability	Combustible.	
Fire hazard		
Fire-fighting procedures	Dry chemical, carbon dioxide, foam. Cool closed containers exposed to fire with water. Fire-fighters should wear appropriate protective equipment.	

**Section 6. Accidental Release Measures**

Spill Clean up	Eliminate all ignition sources. Put on appropriate personal protective equipment (see section 8). Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. To clean the floor and all objects contaminated by this material, use [***]. detergent. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
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Section 7. Handling and Storage

Handling	Keep away from heat, sparks and flame. Do not ingest. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors, spray or mists. Use with adequate ventilation. Keep container closed. Wash contaminated clothing before reusing. Wash thoroughly after handling.
Storage	Store and use away from heat, sparks, open flame or any other ignition source. Keep away from incompatibles. Keep container tightly closed and dry. Store between the following temperatures: 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. Recommended: Face shield.	
Body	Chemical-resistant apron. Neoprene gloves. Nitrile gloves. Natural rubber (latex) gloves.	
Respiratory	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate.	

Section 9. Physical and Chemical Properties

Physical State	Liquid.	Color	Colorless.
pH	13.0-13.5	Odor	Butyl
Boiling Point	Not determined.	Vapor Pressure	Not determined.
Specific Gravity	0.99 (Water = 1)	Vapor Density	Not determined.
Solubility	Easily soluble in the following materials: cold water.	Evaporation Rate	Not determined.
		VOC (Consumer)	53.0% 4.36 lb/gl

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive with oxidizing agents, acids.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon dioxide, , Carbon monoxide, and other organic materials.

Section 11. Toxicological Information**United States****Acute toxicity**

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, D002
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information**Proper shipping name** Corrosive liquid, basic, organic, n.o.s. (Monoethanolamine)**DOT Classification** Class 8: Corrosive liquid.**UN number** UN3267

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.

TDG Classification 8**Section 15. Regulatory Information**

U.S. Federal Regulations SARA 313 toxic chemical notification and release reporting:
Ethylene Glycol Monobutyl Ether
Clean Water Act (CWA) 311: Sodium Hydroxide RQ 1000 lbs. (454 kg)
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

WHMIS (Canada) Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
Class D-1A: Material causing immediate and serious toxic effects (Very toxic).
Class D-2A: Material causing other toxic effects (Very toxic).
Class E: Corrosive liquid.

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.