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1-877-I-BUY-ZEP (428-9937)  
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# Material Safety Data Sheet and Safe Handling and Disposal Information

## Section 1. Chemical Product and Company Identification

**Product name** ZEP MUDSLIDE CONCENTRATE  
**Product use** Concrete Remover  
**Product code** 1656  
**Date of issue** 01/11/05 **Supersedes**

### 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
PROPRIETARY BLEND OF ORGANIC ACIDS	Proprietary	55-65	Not established

## Section 3. Hazards Identification

**Acute Effects** **Routes of Entry** Inhalation. Ingestion.

**Skin** Hazardous by the following route of exposure: of skin contact. Prolonged contact can cause severe irritation or even burns.

**Eyes** Hazardous by the following route of exposure: of eye contact (corrosive). Eye exposure may cause severe and permanent eye injury (blindness).

**Inhalation** Hazardous by the following route of exposure: of inhalation (lung irritant). Inhalation of the spray or mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath. Liquid, spray or mist may produce tissue damage, particularly to mucous membranes of eyes, mouth and respiratory tract.

**Ingestion** 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 contact with spray or mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation, leading to frequent attacks of bronchial infection.

**See Toxicological Information (section 11)**

### HMIS

<b>Health</b>	<b>3</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>D, q</b>

## 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 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 if irritation develops.

**Inhalation** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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** Not applicable. **FLAMMABLE LIMITS** Not applicable.  
**Flammability** Not applicable.  
**Fire hazard**  
**Fire-fighting procedures** Non-combustible.

**Section 6. Accidental Release Measures**

**Spill Clean up** Put on appropriate personal protective equipment (see section 8). Absorb with an inert material and place in an appropriate waste disposal container. 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 prolonged contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Wash contaminated clothing before reusing.  
**Storage** Keep container tightly closed and dry. 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** Splash goggles. Face shield.  
**Body** Rubber gloves. Chemical resistant apron.  
 Recommended: Chemical resistant boots  
**Respiratory** Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

**Section 9. Physical and Chemical Properties**

**Physical State** Thin liquid **Color** Clear. Colorless.  
**pH** 1.0 - 1.5 **Odor** Mild.  
**Boiling Point** 100°C (212°F) **Vapor Pressure** Not available.  
**Specific Gravity** 1.24 (Water = 1) **Vapor Density** Not available.  
**Solubility** Easily soluble in the following materials: cold water, hot water. **Evaporation Rate** 1 compared with Water  
**VOC (Consumer)** 0 (g/l).

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.  
**Incompatibility** Reactive with oxidizing agents, alkalis.  
**Hazardous Polymerization** Will not occur.  
**Hazardous Decomposition Products** Carbon dioxide., Carbon monoxide. and other organic materials. Emits toxic fumes when heated to decomposition.

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

Consult your local or regional authorities.

**Section 14. Transport Information**

**Proper shipping name** Corrosive liquid, acidic, organic, n.o.s.  
**DOT Classification** Class 8: Corrosive liquid. **UN number** 3265

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** TDG Class 8: Corrosive liquid.

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**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.

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**State Regulations****WHMIS (Canada)**

Class E: Corrosive liquid.

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**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.*