



Zep Inc.  
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Atlanta, GA 30318  
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 TIME SAVER  
**Product use** Stripper  
**Product code** 2017  
**Date of issue** 06/09/05 **Supersedes** 10/04/00

**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	1 - 10	<b>OSHA PEL / ACGIH TLV (United States).</b> TWA: 3 ppm 8 hour(s). <b>OSHA /ACGIH (United States).</b> STEL: 6 ppm 15 minute(s).
ETHYLENE GLYCOL MONOPHENYL ETHER; 2-phenoxy ethanol	122-99-6	1 - 10	<b>ACGIH TLV (United States).</b> : 19 mg/m <sup>3</sup>
PROPYLENE GLYCOL N-BUTYL ETHER; 1-butoxy-2-propanol	5131-66-8	1 - 5	Not established
SODIUM METASILICATE; silicic acid (H2-Si-O3) disodium salt; water glass	6834-92-0	1 - 5	<b>Supplier Suggested (United States).</b> CEIL: 2 mg/m <sup>3</sup>

**Section 3. Hazards Identification**

**Acute Effects**

**Routes of Entry** Dermal contact. Eye contact. Inhalation.

**Skin** Hazardous by the following route of exposure: of skin contact (corrosive, permeator). Harmful if absorbed through the skin. Skin contact may produce burns. The amount of tissue damage depends on length of contact. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.

**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. Over-exposure by inhalation may cause respiratory irritation.

**Ingestion** Harmful 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.**

**HMIS**

<b>Health</b>	<b>2</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>n,p</b>

**Carcinogenic Effects**

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

**Chronic Effects**

The substance may be toxic to blood, kidneys, lungs, liver, thyroid. Repeated or prolonged exposure to the substance can produce target organs damage. 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)

**Section 4. First Aid Measures**

<b>Eye Contact</b>	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.
<b>Skin Contact</b>	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if irritation develops.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	Not applicable.	<b>FLAMMABLE LIMITS</b> Not applicable.
<b>Flammability</b>	Non-combustible.	
<b>Fire hazard</b>		
<b>Fire-fighting procedures</b>	Use extinguishing media suitable for surrounding materials.	

**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	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**

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Observe label precautions. Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Protect from freezing. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection**

	<b>Personal Protection</b>	<b>Protective Clothing (Pictograms)</b>
<b>Eyes</b>	Splash goggles.	
<b>Body</b>	Nitrile gloves. Neoprene gloves. Rubber gloves.	
<b>Respiratory</b>	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Wear appropriate respirator when ventilation is inadequate.	

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid.	<b>Color</b>	Clear. Amber. (Light.)
<b>pH</b>	12.5-13.5	<b>Odor</b>	Citrus
<b>Boiling Point</b>	100°C (212°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	1.05 (Water = 1)	<b>Vapor Density</b>	Not determined.
<b>Solubility</b>	Easily soluble in the following materials: cold water, hot water.	<b>Evaporation Rate</b>	1 compared with Water
		<b>VOC (Consumer)</b>	93.81 (g/l). 0.78 lbs/gal 8.95%

**Section 10. Stability and Reactivity**

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

**Section 11. Toxicological Information****United States****Acute toxicity****Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
<b>Biodegradable/OECD</b>	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** 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.

**TDG Classification** Not a TDG-controlled material.

**Section 15. Regulatory Information**

**U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:  
Ethylene Glycol Monophenyl Ether  
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**

**WHMIS (Canada)** Class D-1B: Material causing immediate and serious toxic effects (Toxic).  
Class D-2B: Material causing other toxic effects (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.*