



ZEP Manufacturing Company  
 Acuity Specialty Products Group, Inc.  
 P.O. Box 2015  
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 1-877-I-BUY-ZEP (428-9937)  
 www.zep.com

# Material Safety Data Sheet and Safe Handling and Disposal Information

## Section 1. Chemical Product and Company Identification

**Product name** ZEP STREAK-OUT 40  
**Product Use** Cleaner / Degreaser  
**Product Code** 0084  
**Date of issue** 01/23/06 **Supersedes** 03/29/05

**Emergency Telephone Numbers** For MSDS Information:  
 Acuity Specialty Products Group, Inc.  
 Compliance Services 1-877-I-BUY-ZEP

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

**For a Transportation Emergency:**  
 CHEMTREC  
 (800) 424-9300 - All Calls Recorded  
 In the District of Columbia (202) 483-7616

Printing date: 02/02/06

**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
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	10 - 20	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). ACGIH TLV / OSHA PEL (United States).
HYDROCARBON PROPELLANT; blend of propane, isobutane & n-butane	75-28-5; 74-98-6; 106-97-8	1 - 10	Notes: Propane TWA: 1000 ppm 8 hour(s). OSHA PEL / ACGIH TLV (United States). Notes: n-Butane TWA: 800 ppm 8 hour(s). ACGIH TLV (United States). TWA: 20 ppm 8 hour(s). OSHA PEL (United States). Skin TWA: 50 ppm 8 hour(s).
ETHYLENE GLYCOL MONOBUTYL ETHER; 2-butoxyethanol; butyl cellosolve	111-76-2	1 - 5	

## Section 3. Hazards Identification

### Acute Effects

**Routes of Entry** Absorbed through skin. Inhalation.

- Skin** Direct contact may cause irritation and redness. Harmful if absorbed through the skin.
- Eyes** Causes eye irritation. Inflammation of the eye is characterized by redness, watering, and itching.
- Inhalation** Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression.
- Ingestion** May be harmful if swallowed. May cause mild gastric irritation, abdominal spasms, nausea and faintness.

### HMIS

Health	1
Physical	1
Reactivity	0
Personal Protection	B

**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

The substance may be toxic to blood, kidneys, liver, central nervous system (CNS). 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.

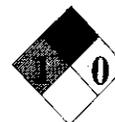
See Toxicological Information (section 11)

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention.
<b>Skin Contact</b>	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes 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>	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**

<b>Flash Point</b>	Not applicable.	<b>Flammable Limits</b>	Not applicable.
<b>Flammability</b>	Non-flammable. (CSMA)		
<b>Fire Hazard</b>	CONTENTS UNDER PRESSURE. May emit toxic fumes under fire conditions. Cool closed containers exposed to fire with water.		
<b>Fire-Fighting Procedures</b>	Dry chemical, carbon dioxide, foam. Wear special protective clothing and positive pressure, self-contained breathing apparatus.		

**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	Large spills are unlikely due to packaging.
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**Section 7. Handling and Storage**

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Do not ingest. Observe label precautions. Wash thoroughly after handling.
<b>Storage</b>	CONTENTS UNDER PRESSURE. Keep away from heat and direct sunlight. Keep container in a cool, well-ventilated area. Do not store above 49°C (120.2°F). Do not puncture or incinerate. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

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

	Personal Protection	Protective Clothing (Pictograms)
<b>Eyes</b>	Safety glasses.	
<b>Body</b>	Neoprene gloves. Nitrile gloves. Rubber gloves.	
<b>Respiratory</b>	Avoid breathing vapors or spray mists. 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**

<b>Physical State</b>	Liquid. (Aerosol.)	<b>Color</b>	Clear. Colorless.
<b>pH</b>	10.5 - 11.5	<b>Odor</b>	Mild. Pleasant.
<b>Boiling Point</b>	>85°C (185°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	1.1 (Water = 1)	<b>Vapor Density</b>	Not determined.
<b>Solubility</b>	Soluble in cold water, hot water.	<b>Evaporation Rate</b>	1 compared to Water
		<b>VOC (Consumer)</b>	300 (g/l). 2.5 lbs/gal 27.3%

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	Carbon Dioxide, Carbon Monoxide and other organic materials..

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	<b>Isopropyl Alcohol:</b>
	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)].
	<b>Ethylene Glycol Monobutyl Ether:</b>
	ORAL (LD50): Acute: 1746 mg/kg [Rat].
	DERMAL (LD50): Acute: 680 mg/kg [Rabbit].
	VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat (Female)].

**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 Consumer Commodity

DOT Classification ORM-D

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.

**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: 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.

**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.*