



ZEP Manufacturing Company  
Acuity Specialty Products Group, Inc.  
P.O. Box 2015  
Atlanta, GA 30301  
1-877-I-BUY-ZEP (428-9937)

# Material Safety Data Sheet

## and Safe Handling and Disposal Information

### Section 1. Chemical Product and Company Identification

**Product name** ZEP-OFF  
**Product Use** Aerosol Paint Remover  
**Product Code** 0083  
**Date of issue** 08/27/04 **Supersedes** 05/12/97

**Emergency For MSDS Information:**

**Telephone Numbers** 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

**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
METHYLENE CHLORIDE; dichloromethane; methylene dichloride	75-09-2	60-70	OSHA PEL (United States). TWA: 25 ppm 8 hour(s). OSHA (United States). STEL: 125 ppm 15 minute(s).
METHANOL; methyl alcohol; wood alcohol; columbia spirits	67-56-1	5-10	OSHA/ACGIH (United States). TWA: 200 ppm 8 hour(s). OSHA /ACGIH (United States). STEL: 250 ppm 15 minute(s).
BLEND OF ISOBUTANE, PROPANE, & n-BUTANE	75-28-5; 74-98-6; 106-97-8	15-25	ACGIH TLV (United States). TWA: 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).

### Section 3. Hazards Identification

**Acute Effects** **Routes of Entry** Absorbed through skin. Eye contact. Inhalation. Ingestion.

**Skin** Hazardous in case of skin contact (corrosive, permeator). Toxic in contact with skin. Can cause central nervous system depression. Skin contact may produce burns.

**Eyes** Hazardous in case of eye contact (corrosive). Eye exposure may cause severe and permanent eye injury (blindness).

**Inhalation** Hazardous in case of inhalation. Toxic by inhalation. Can cause central nervous system depression. May cause irritation of upper respiratory tract, shortness of breath, headache, nausea, vomiting, dizziness, and unconsciousness. Medical Conditions Aggravated by Overexposure: Respiratory

**Ingestion** Hazardous in case of ingestion. Toxic if swallowed. May be fatal or cause blindness if swallowed.

#### HMIS

Health	3
Fire Hazard	2
Reactivity	0
Personal Protection	X

**Carcinogenic Effects** Methylene Chloride: Classified 2B (Possible for human) by IARC, Classified A2 (Suspected for human) by ACGIH

**Chronic Effects** The substance may be toxic to blood, kidneys, lungs, liver, heart, central nervous system (CNS), pancreas. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

See Toxicological Information (section 11)

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#### Section 4. First Aid Measures

<b>Eye Contact</b>	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. Get medical attention immediately.
<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. If vomiting occurs, keep head lower than hips to help prevent aspiration. 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.

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#### Section 5. Fire Fighting Measures

<b>Flash Point</b>	Not determined.	<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	FLAMMABLE. (CSMA)		
<b>Fire Hazard</b>	FLAMMABLE LIQUID AND VAPOR. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Cool closed containers exposed to fire with water.		
<b>Fire-Fighting Procedures</b>	Dry chemical, carbon dioxide, foam. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.		



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#### 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>	Store and use away from heat, sparks, open flame, or any other ignition source. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Watch for accumulation in low confined areas. Use only with adequate ventilation. Wash contaminated clothing before reusing.
<b>Storage</b>	Store and use away from heat, sparks, open flame, or any other ignition source. 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 out of the reach of children.

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

	<b>Personal Protection</b>	<b>Protective Clothing (Pictograms)</b>
<b>Eyes</b>	Safety glasses.	
<b>Body</b>	Chemical resistant gloves (Viton). Synthetic apron.	
<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.	

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#### Section 9. Physical and Chemical Properties

<b>Physical State</b>	Liquid. (Aerosol.)	<b>Color</b>	Translucent. Amber.
<b>pH</b>	Not applicable.	<b>Odor</b>	Amine like.
<b>Boiling Point</b>	~40°C (~104°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	1.23 (Water = 1)	<b>Vapor Density</b>	>1 (Air = 1)
<b>Solubility</b>	Insoluble in cold water, hot water.	<b>Evaporation Rate</b>	>1
		<b>VOC (Consumer)</b>	31.7%

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#### 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>	May emit toxic fumes under fire conditions.

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#### Section 11. Toxicological Information

<b>Toxicity to Animals</b>	Not available.
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#### Section 12. Ecological Information

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

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

Consult your local or regional authorities.

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**Section 14. Transport Information**

**Proper shipping name** Consumer Commodity  
**DOT Classification** ORM-D **UN number** Not regulated.

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**Section 15. Regulatory Information**

**U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:  
Methylene Chloride  
Methanol  
Clean Water Act (CWA) 311: No products were found.  
Clean air act (CAA) 112 regulated toxic substances: Methylene Chloride; Methanol

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**State Regulations**

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Methylene Chloride; Benzene, Toluene, Propylene oxide

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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.*