



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 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: 08/30/04

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)

Section 4. First Aid Measures

Eye Contact	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.
Ingestion	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.

Section 5. Fire Fighting Measures

Flash Point	Not determined.	Flammable Limits	Not available.
Flammability	FLAMMABLE. (CSMA)		
Fire Hazard	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.		
Fire-Fighting Procedures	Dry chemical, carbon dioxide, foam. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.		


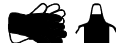
**Section 6. Accidental Release Measures**

Spill Clean up	Large spills are unlikely due to packaging.
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Section 7. Handling and Storage

Handling	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.
Storage	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.

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Safety glasses.	
Body	Chemical resistant gloves (Viton). Synthetic apron.	
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. Wear appropriate respirator when ventilation is inadequate.	

Section 9. Physical and Chemical Properties

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

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	May emit toxic fumes under fire conditions.

Section 11. Toxicological Information

Toxicity to Animals	Not available.
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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
Classification: - (Hazardous waste.)
Origin: - (RCRA waste.)

Consult your local or regional authorities.

Section 14. Transport Information

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

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

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.*