



ZEP Manufacturing Company
 Acuity Specialty Products Group, Inc.
 P.O. Box 2015
 Atlanta, GA 30301
 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 WRITE AWAY
Product Use Cleaner.
Product Code 0314
Date of issue 04/14/05 **Supersedes** 06/16/00

Emergency Telephone Numbers For MSDS Information:
 Acuity Specialty Products Group, Inc.
Compliance Services 1-877-I-BUY-ZEP (428-9937)

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: 04/18/05

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
ETHANOL; ethyl alcohol; grain alcohol	64-17-5	50 - 60	ACGIH TLV (United States). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s).
BENZYL ALCOHOL; alpha-hydroxytoluene; phenyl carbinol	100-51-6	15 - 25	Not established
D-LIMONENE; orange distillate; citrus terpene; cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-	5989-27-5	5 - 15	Not established
HYDROCARBON PROPELLANT; blend of propane, isobutane & n-butane	75-28-5; 74-98-6; 106-97-8	5 - 15	ACGIH TLV / OSHA PEL (United States). Notes: Propane TWA: 1000 ppm 8 hour(s). OSHA PEL / ACGIH TLV (United States). Notes: n-Butane TWA: 800 ppm 8 hour(s).

Section 3. Hazards Identification

Acute Effects

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

Skin Hazardous in case of skin contact (irritant, permeator). Direct contact may cause irritation and redness. Harmful if absorbed through the skin. Skin inflammation is characterized by itching, scaling, or reddening.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation (lung irritant). Avoid inhalation of vapors and spray mist. Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system depression.

Ingestion Hazardous in case of ingestion. Can cause gastrointestinal disturbances. Aspiration hazard if swallowed- can enter lungs and cause damage.

HMIS

Health	2
Fire Hazard	3
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 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 contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to the substance can produce target organs damage.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact	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.
Skin Contact	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.
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. 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

Flash Point	Not available.	Flammable Limits	Not available.
Flammability	FLAMMABLE. (CSMA)		
Fire Hazard	FLAMMABLE LIQUID AND VAPOR. Container explosion may occur under fire conditions or when heated. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back.		
Fire-Fighting Procedures	Use dry chemical or CO ₂ . Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion. Wear special protective clothing and positive pressure, self-contained breathing apparatus.		

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

Section 8. Exposure Controls, Personal Protection

	Personal Protection	Protective Clothing (Pictograms)
Eyes	Splash goggles.	
Body	Chemical resistant gloves. Recommended: Viton gloves.	
Respiratory	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Clear. Colorless.
pH	Not available.	Odor	Citrus
Boiling Point	79.444°C (175°F)	Vapor Pressure	38.1 kPa (285.5 mmHg) (at 20°C)
Specific Gravity	0.831 (Water = 1)	Vapor Density	Not available.
Solubility	Partially soluble in cold water, hot water.	Evaporation Rate	Not available.
		VOC (Consumer)	829.57 (g/l). 100%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive with oxidizing agents, acids.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide and other organic materials..

Section 11. Toxicological Information

Toxicity to Animals	Ethanol:	
	ORAL (LD50):	Acute: 7060 mg/kg [Rat].
	Benzyl Alcohol:	
	ORAL (LD50):	Acute: 1230 mg/kg [Rat.]. 1580 mg/kg [Mouse]. 1040 mg/kg [Rabbit].
	DERMAL (LD50):	Acute: 2000 mg/kg [Rabbit.].
	VAPOR (LC50):	Acute: 1000 ppm 8 hour(s) [Rat].
	d-Limonene:	
	ORAL (LD50):	Acute: >5000 mg/kg [Rat].
	DERMAL (LD50):	Acute: >5000 mg/kg [Rabbit].

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.

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:

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.

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.