

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29CFR1910.1200. Standard must be consulted for specific requirements.

SECTION 1 - GENERAL INFORMATION

Name	ZECOL PRODUCTS COMPANY		
Address	4635 WILLOW DRIVE	Emergency Telephone No.	(CHEM-TEL) 1-800-255-3924
City, State, and ZIP	MEDINA, MN 55340	Other Information Calls	(763) 478-3438
Signature of Person Responsible for Preparation (Optional)		Date Prepared	FEB 1, 2004 (REV)

H HEALTH **2**

F FLAMMABILITY **4**

R REACTIVITY **0**

Style NC-L508R
PERSONAL PROTECTION

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) [chemical & common name(s)]	% BY WEIGHT	OSHA TWA		ACGIH		CAS NO.
		PPM	MG/M ₃	PPM	MG/M ₃	
*Acetone	45 - 58 %	NG	NG	NG	NG	67641
*Toluene	17 - 26 %	NG	NG	NG	NG	108883
*Xylene	17 - 26 %	NG	NG	NG	NG	1330207
Carbon Dioxide	2 - 8 %	NG	NG	NG	NG	124389

*These ingredients are subject to the reporting requirements of SARA 313.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	232° - 279° F.	Specific Gravity (H ₂ O=1)	.785 - .870
Vapor Density (Air=1)	> 1	Vapor Pressure (mm Hg)	BT 22 - 181
Solubility in Water	Partially	Evaporation Rate (N-Butyl Acetate=1)	NG
Appearance and Odor	Colorless liquid, organic solvent odor	% Volatiles	100%

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	1° - 45° F.	Method Used	NG	Flammable Limits in Air % by Volume	LEL Lower NG	UEL Upper NG
Auto-Ignition Temperature	NG	Extinguisher Media	Carbon dioxide, dry chemical, foam			
Special Fire Fighting Procedure	Containers can build up pressure if exposed to fire. Containers should be cooled with water spray. Self-contained breathing apparatus with full face piece operated in positive pressure mode.					

Unusual Fire and Explosion Hazards Vapors are heavier than air and can collect in low areas.

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA) CARBURETOR & CHOKE CLEANER (cont.)

Stability Unstable Conditions Stable to Avoid Excessive heat, open flame.

Incompatibility (Materials to Avoid) Strong oxidizing agents.

Hazardous Decomposition Products Carbon monoxide & carbon dioxide

Hazardous Polymerization May Occur Conditions Will Not Occur to Avoid NG

SECTION 6 - HEALTH HAZARDS

1. Acute Eye, skin, & respiratory irritant; may be harmful of fatal if swallowed. 2. Chronic Liver abnormalities and kidney damage.

Signs and Symptoms of Exposure Eye, skin, or respiratory irritation, nausea, vomiting and diarrhea.

Medical Conditions Generally Aggravated by Exposure Pre-existing eye or skin conditions.

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes No I.A.R.C. Monographs Yes No OSHA Yes No

Emergency and First Aid Procedures

ROUTES OF ENTRY

- 1. Inhalation Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.
- 2. Eyes Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.
- 3. Skin Wash area with soap and water. Seek medical attention if irritation persists.
- 4. Ingestion Do not induce vomiting. Give conscious victim 2 glasses of water and seek medical attention. Never give unconscious victim anything by mouth.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Wash thoroughly after handling. Do not get into eyes, on skin or clothing. Do not smoke near product nor use product near excessive heat, sparks, or open flame. Store in clean, dry locations away from excessive heat. Store in areas designated for the storage of (Level II) aerosols according to NFPA 30B (Manufacturing and Storage of Aerosol Products).

Other Precautions

Steps to be Taken in Case Material is Released or Spilled Notify safety personnel, evacuate unnecessary personnel, and provide adequate ventilation. If not risky, clean-up personnel should stop leak and should wear proper personal protective equipment. SMALL SPILL - Clean with inert absorbent. LARGE SPILL - Dike to prevent further migration of material. Do not release into waterways or sewers. Follow applicable OSHA reg. 20CFR1910.120.

Waste Disposal Methods (Consult federal, state, and local regulations) Place inert absorbent in recovery drums for disposal according to OSHA 20CFR1910.120 and in accordance with all applicable state, federal, and local regulations. Do not release into waterways or sewers. As a waste, this product does meet the criteria of a hazardous waste as defined by RCRA (40CFR361). Dispose of in accordance with all applicable state, federal, and local regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type) Wear organic vapor respirator when working with this product. Inhalation hazard unlikely due to low volatility of product.

Ventilation Strong general or local exhaust.

Protective Gloves Chemical resistant gloves such as nitrile.

Other Protective Clothing or Equipment Chemical splash goggles with indirect or no ventilation. Eye wash station and safety shower.

Work/Hygienic Practices Never eat, drink, or smoke in work areas.