ZECOL™ ZECOL PRODUCTS COMPANY

#93506, 93555
WINDSHIELD WASH - PURPLE POWER
QUICK IDENTIFIER
Common Name: (used on label and list)

Material Safety Data Sheet

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

3 - 3 - 0

H 3 HEALTH
F 3 FLAMMABILITY
R 0 REACTIVITY
Style NC-L503R PERSONAL PROTECTION

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	MAY 1, 2007 (REV)

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) [chemical & common name(s)]	OSHA PEL ppm	ACGIH TLV ppm	SKIN ppm	SKIN mg/m3	STEL mg/m3	CAS NO.
*Methanol	200TWA	200TWA	250	260	310	67-56-1
Water	ND	ND	NA	NA	NA	NA
Proprietary ingredients	ND	ND	NA	NA	NA	NA

*This ingredient is subject to the reporting requirements of SARA 313 Title III.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	148° F. - 212° F.	Specific Gravity (H_2O=1)	.956 @ 60° F.
Vapor Density (Air=1)	.9	Vapor Pressure (mm Hg)	41 @ 68° F.
Solubility in Water	100%	Evaporation Rate (N-Butyl Acetate=1)	< 1
Appearance and Odor	Purple, non-irritating alcohol odor.		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point 84° - 90°F. Method Used TCC Flammable Limits in Air % by Volume LEL Lower 5.5 UEL Upper 36.5

Auto-Ignition Temperature NA Extinguisher Media Carbon dioxide, dry chemical, foam.

Special Fire Fighting Procedure Cool fire-exposed containers with water. Do not enter confined fire space without proper protective equipment including NIOSH-approved self-contained breathing apparatus.

Unusual Fire and Explosion Hazards None

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) WINDSHIELD WASH - PURPLE POWER (cont.)

Stability	☐ Unstable ☒ Stable	Conditions to Avoid	None known.
Incompatability (Materials to Avoid)	None known.		
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, and unidentified organics.		
Hazardous Polymerization	☐ May Occur ☒ Will Not Occur	Conditions to Avoid	

SECTION 6 - HEALTH HAZARDS

1. Acute	Eye, skin, respiratory and gastrointestinal irritant.	2. Chronic	Blindness, systemic poisoning.
Signs and Symptoms of Exposure	Headache, nausea, narcosis, vomiting, irritated eyes or mucous membranes, blindness, dry or defatted skin.		
Medical Conditions Generally Aggravated by Exposure	NA		

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 victim to fresh air. Provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.
	2. Eyes	Flush eyes with water for at least 15 minutes. Get medical attention.
	3. Skin	Wash with soap and water. Remove contaminated clothing. If irritation persists, get medical attention.
	4. Ingestion	Induce vomiting if conscious. Consult a physician immediately.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	Keep container closed. Do not store near heat, sparks, flame, or oxidizing materials. Ground all containers when transferring liquid. Use nonsparking tools.
Other Precautions	Vapors are heavier than air and will collect in low places.
Steps to be Taken in Case Material is Released or Spilled	Eliminate sources of ignition. Wear appropriate respirator and protective cothing. Large spill - dike and contain. Remove with vacuum trucks or pump to storage/salvage vessel. Small spill - soak up residue with noncombustible absorbent; place in drums for proper disposal. Flush area with water to remove traces of residue. Dispose of flush solutions in drums.
Waste Disposal Methods (Consult federal, state, and local regulations)	Dispose of in an appropriate disposal facility in compliance with regulations. Refer to latest EPA or State Regulations regarding disposal. Keep out of surface waters and any watercourses or sewers entering or leading to surface waters.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type)	Use NIOSH-approved respirator if chance of overexposure.
Ventilation	Use explosion-proof ventilation to maintain vapor concentrations below the TLV.
Protective Gloves	Yes
Other Protective Clothing or Equipment	Goggles and protective clothing to minimize skin contact and prevent eye contact.
Work/Hygienic Practices	Avoid inhalation of vapors, personal contact with the product, and use near flame or heat. Use only DOT-approved containers.