

MATERIAL SAFETY DATA SHEET



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PRODUCT NAME: MIRACLE WIZZ

MSDS NO: 51850.03

PAGE 1 OF 2

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE CALL: CHEMTREC 1-800-424-9300 OUTSIDE US CALL 1-703-527-3887	FOR MEDICAL EMERGENCY CALL ROCKY MOUNTAIN POISON CENTER: 1-303-623-5716	HEALTH HAZARD: (0 None > 4 Extreme) Health =2 Flammability =0 Reactivity =1
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SECTION 1 – PRODUCT IDENTIFICATION

DATE PREPARED: December 1, 2008

SUPERSEDES: September 05, 2000

PREPARED BY: Dean F. Fernholz

D.O.T. SHIPPING CLASS: Class 55, Non-Hazardous Cleaning Compound.

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS. NO.	OSHA PEL	ACGIH TLV	ORAL LD50 RAT	Per-Cent
Sodium Metasilicate	6834-92-0	NE	NE	800 mg/kg	7-13%
Furfuryl Alcohol	98-00-0	10 ppm TWA	10 ppm TWA	177 mg/kg	7-13%
Sodium Dodecylbenzene Sulfonate	25155-30-0	NE	NE	2600 mg/kg	1-5%
Tetrasodium ethylenediamine tetraacetic acid	64-02-8	NE	NE	630 mg/kg	1-5%

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 212 °F

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1.15

VAPOR PRESSURE mm/hg: 23 @ 70 °F

VAPOR DENSITY (Air=1): 1.2

REACTIVITY IN WATER: None

pH 5% SOLUTION = 11.7

MELTING POINT: 32 °F

APPEARANCE AND ODOR: Dark red to brown liquid, mild odor.

SECTION 4 – FIRE & EXPLOSION DATA

FLASH POINT: > 200 °F

FLAMMABILITY LIMITS IN AIR % BY VOLUME:

METHOD USED: ASTM D-56

LEL LOWER: 1.8

UEL UPPER: 23

AUTO-IGNITION TEMPERATURE: NA

EXTINGUISHER MEDIA: Water, Carbon Dioxide, Foam, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Acids

HAZARDOUS DECOMPOSITION PRODUCTS: Heat

HAZARDOUS POLYMERIZATION: May occur

CONDITIONS TO AVOID: Acids

SECTION 6 – HEALTH HAZARDS

ACUTE: Irritating and corrosive to eyes, skin, mucous membranes of the respiratory tract, mouth, throat, esophagus and stomach. Can cause permanent corneal damage.

CHRONIC: No known chronic effects

SIGNS & SYMPTOMS OF EXPOSURE: See ACUTE above

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA

CARCINOGEN OR POTENTIAL CARCINOGENS: OSHA: None NTP: None IARC: None ACGIH: None

EMERGENCY FIRST AID:

EYES: Flush material out immediately then seek medical attention. Immediately flush eyes with large amounts of water for at least 15 minutes holding lids apart to ensure complete irrigation of the eye/lids. SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN: Flush thoroughly with water while removing contaminated clothing and shoes. SEEK MEDICAL ATTENTION IMMEDIATELY.

Discard non-rubber shoes and wash clothing before reuse.

INHALATION: If coughing or sneezing occurs, remove to fresh air

INGESTION: If swallowed, DO NOT INDUCE VOMITING, give large quantities of water or milk. If vomiting occurs spontaneously, keep airways clear. SEEK MEDICAL ATTENTION IMMEDIATELY!

ROUTES OF ENTRY:

INHALATION: Exposure to mist or spray may cause coughing or sneezing. Overexposure may result in lung tissue damage.

EYES: Can cause tissue destruction and permanent eye damage if not treated immediately.

SKIN: Can be a severe irritant. May be corrosive and cause severe burns.

INGESTION: Corrosive to mucous membranes of the mouth, throat, esophagus and stomach.

SECTION 7 – SPECIAL PRECAUTIONS & SPILL / LEAK PROCEDURES

HANDLING & STORAGE: Store in a cool dry area. Keep closed when not in use.

OTHER PRECAUTIONS: Normal good housekeeping practices.

IN CASE OF SPILL: Shut off leak if this can be done without injury. Flush area with water. Large spills should be diked with earth; then pump to a salvage tank.

WASTE DISPOSAL: Dispose of in accordance with all Federal, State and Local pollution control regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NA

VENTILATION: Use with adequate ventilation.

PROTECTIVE GLOVES: Rubber or plastic

EYE PROTECTION: Safety glasses or goggles

OTHER: Waterproof suit and boots may be worn

HYGIENIC PRACTICES: Wash thoroughly after handling.

SECTION 9 – COMMUNITY RIGHT TO KNOW LIST

	<u>CHEMICAL NAME:</u>	<u>C.A.S. NO.</u>
1.	Water	7732-18-5
2.	Furfuryl Alcohol	98-00-0
3.	Sodium Metasilicate	6834-92-0
4.	Tetrasodium ethylenediamine tetraacetic acid	64-02-8
5.	Sodium Dodecylbenzene Sulfonate	25155-30-0

NA = Not Applicable

NE = None Established

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information herein is furnished without warranty of any kind.