

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: MACH I DEGREASER-513
MSDS NO: H51340.05



0 None > 4 Extreme	
Health	2
Flammability	0
Reactivity	0

SECTION I SUPPLIER & EMERGENCY NUMBERS

Supplier:	EMERGENCY PHONE NUMBERS: MEDICAL: Rocky Mountain Poison Control Center (303) 739-1110 SPILL, LEAK FIRE, EXPOSURE CALL: CHEMTREC: 800-424-9300 OUTSIDE US CALL: 703-527-3887
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SECTION II PRODUCT IDENTIFICATION

Date Prepared: February 15, 2005	Supersedes:
Prepared by: Dean F. Fernholz	Phone: (712) 859-3999
Dot Shipping Classification: Class 55, Non-Hazardous Cleaning Compound	

SECTION III HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NO.	OSHA PEL	ACGIH TLV	ORAL LD50 RAT	PER-CENT
Sodium Metasilicate	6834-92-0	NE	NE	800 mg/kg	1-5%

SECTION IV HEALTH HAZARDS / FIRST AID

Acute: Irritation of eyes and skin
 Chronic: None Known Signs & Symptoms of Exposure: Eye & skin irritation
 Medical conditions aggravated by exposure: NA
 Carcinogen or potential carcinogens: OSHA: None NTP: None IARC: None ACGIH: None

EMERGENCY FIRST AID:
EYES: Immediately flush with water while forcibly holding eyelids open for optimum irrigation for 15 minutes. Get medical attention immediately!
SKIN: Wash with water immediately. Seek medical attention if irritation continues
INHALATION: NA
INGESTION: Do not induce vomiting. Drink water to flush out system. Seek medical attention immediately.

ROUTES OF ENTRY
INHALATION: NA
EYES: Irritation or burns may occur when using undiluted
SKIN: Irritation may occur when using undiluted
INGESTION: Will cause irritation to the stomach when using undiluted

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SECTION V PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 212 ^o F	Vapor Pressure mm/hg: 23 @ 70 ^o F	Vapor Density (Air=1): 1.2
Solubility in Water: Soluble	Specific Gravity: 1.03	Reactivity in Water: None
Appearance & Odor: Blue liquid, mild citrus odor	pH 5% SOLUTION=11.8	Melting Point: 32 ^o F

SECTION VI FIRE/EXPLOSION INFORMATION

Flash Point: NA	Flammability Limits in Air By Volume %: LEL LOWER: NA UEL UPPER: NA
Method Used: NA	
Auto-Ignition Temperature: NA	Extinguisher Method: Water, Dry Chemical, Carbon Dioxide, Foam
Special Fire Fighting Procedures: None	
Unusual Fire & Explosion Hazards: None	

SECTION VII PHYSICAL HAZARDS / REACTIVITY INFORMATION

Stability: Stable	Materials to Avoid (No Contact): Acids
Conditions to Avoid: NA	
Hazardous Decomposition Products: NA	Hazardous Polymerization: Will NOT occur

SECTION VIII SPECIAL PRECAUTIONS / SPILL LEAK INSTRUCTIONS

Spill Procedures: Shut off leak if this can be done without injury to anyone. Flush area with large amounts of water.

Large Spills: These should be diked with earth; then pumped to a salvage tank

Waste Disposal: Dispose of in accordance with all Federal, State and Local pollution control laws and regulations.

Handling & Storage: Store in a cool dry area. Keep container closed when not in use. Freeze/thaw stable, however container may break when frozen.

SECTION IX INFORMATION ON PERSONAL PROTECTION

Ventilation: Use in a well ventilated area.

Respiratory Protection: NA

Protective Gloves: Rubber Eye Protection: Safety Glasses or Goggles

Other: Waterproof suit and footwear may be worn.

Hygienic Information: Always wash thoroughly after handling

NE = None Established NA = Not Applicable

¹ We believe the information contained on this Material Safety Data Sheet is current and offered in good faith. It is the users obligation to determine the suitability of this product for a specific purpose and the conditions for safe use of the product. We do reserve the right to revise Material Safety Data Sheets as newer information becomes available. Hydrus Detergents makes no warranty of any kind. * Manufactured by: Hydrus Detergents PO Box 536, Graettinger, IA. 51342 (712) 859-3999.