

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: GREASE CUTTER-503
MSDS NO: H50340.05

| | |
|---------------------|---|
| 0 None > 4 Extreme | |
| Health | 2 |
| Flammability | 0 |
| Reactivity | 0 |
| | |



SECTION I SUPPLIER & EMERGENCY NUMBERS

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|-----------|--|
| 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% |
| Ethylene Glycol Monobutyl Ether * | 111-76-2 | 25 ppm skin | 25 ppm skin | 470 mg/kg | 1-5% |
| Ethoxylated Alcohol | 68439-46-3 | NE | NE | 5100 mg/kg | 1-5% |
| Sodium Dodecylbenzene Sulfonate | 25155-30-0 | NE | NE | 2600 mg/kg | 1-5% |

** Subject to reporting requirements of Section 313 of Title III of SARA and 40 CFR Part 372

SECTION IV HEALTH HAZARDS / FIRST AID

Acute: Can cause skin and eye irritation.
 Chronic: None Known Signs & Symptoms of Exposure: Can cause skin and eye 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 area thoroughly with water; seek medical attention if irritation persists.
INHALATION: NA
INGESTION: If swallowed do not induce vomiting. Give large amounts of water to help flush system. Get immediate Medical attention!

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° F | Vapor Pressure mm/hg: 23@ 70° F | Vapor Density (Air=1): 1.2 |
| Solubility in Water: Soluble | Specific Gravity: 1.09 | Reactivity in Water: None |
| Appearance & Odor: Reddish color, citrus scent | pH 5% solution = 11.7 | Melting Point: Approximately 32° F |

SECTION VI FIRE/EXPLOSION INFORMATION

| | | | |
|--|--|---------------|---------------|
| Flash Point: > 212° F | Flammability Limits in Air By Volume %: | LEL LOWER: NA | UEL UPPER: NA |
| Method Used: ASTM D-56 | | | |
| Auto-Ignition Temperature: NA | Extinguisher Method: Water, 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): Oxidizing Agents, Strong 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: Chemical mask

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.