

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements

## U.S. Department of Labor

Occupation Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

### IDENTITY

**GREASE GO WASH (250034)**

*Note: Blank spaces are not permitted. If any item is not applicable, or no  
information is available, the space must be marked to indicate that.*

### Section I

|                                                                                                       |             |   |                                                         |  |  |
|-------------------------------------------------------------------------------------------------------|-------------|---|---------------------------------------------------------|--|--|
| Manufactured For:<br><b>Beaver Research Company</b>                                                   |             |   | Emergency Telephone Number<br><b>1-800-544-0133</b>     |  |  |
| Address (Number, Street, City, State, and ZIP Code)<br><b>3700 E. Kilgore Road, Portage, MI 49002</b> |             |   | Telephone Number For Information<br><b>269-382-0133</b> |  |  |
| HMIS RATINGS:<br>4=Extreme 1=Slight<br>3=High 0=Insignificant<br>2=Moderate                           | Health:     | 3 | Date Prepared<br><b>06/06/2006</b>                      |  |  |
|                                                                                                       | Fire:       | 0 | Signature of Preparer (optional)                        |  |  |
|                                                                                                       | Reactivity: |   |                                                         |  |  |
| Maximum Personal Protection: C                                                                        |             |   |                                                         |  |  |

### Section II - Hazardous Ingredients/Identity Information

| Hazardous Components (Specific<br>Chemical Identity; Common Name(s)) | CAS No.    | PEL   | TLV   | LD50      | LC50       | %      |
|----------------------------------------------------------------------|------------|-------|-------|-----------|------------|--------|
| Water                                                                | 7732-18-5  | N.E.  | N.E.  | N.D.      | N.D.       | 60-100 |
| 2-Butoxyethanol                                                      | 111-76-2   | 25ppm | 25ppm | 450mg/kg  | 700ppm 7hr | 5      |
| Potassium hydroxide                                                  | 141-43-5   | 3ppm  | 3ppm  | 1720mg/kg | N.D.       | 1-5    |
| Monoethanolamine                                                     | 7758-29-4  | N.E.  | N.E.  | 4100mg/kg | N.D.       | 1-5    |
| Sodium tripolyphosphate                                              | 1300-72-7  | N.E.  | N.E.  | N.D.      | N.D.       | 1-5    |
| Sodium xylene sulfonate                                              |            |       |       |           |            |        |
| Triethanolamine 99                                                   | 00102-71-6 | N.E.  | N.E.  |           |            | >1%    |

This mixture contains 5% 2-Butoxyethanol which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

### Section III - Physical/Chemical Characteristics

|                                                        |                   |                                         |          |
|--------------------------------------------------------|-------------------|-----------------------------------------|----------|
| Boiling Point                                          | 212°F 100°C       | Specific Gravity (H <sub>2</sub> O = 1) | 1.04     |
| Vapor Pressure (mm Hg)                                 | <30               | Freezing Point                          | 32°F 0°C |
| Vapor Density (AIR = 1)                                | <1                | Evaporation Rate (Water = 1)            | N.E.     |
| Solubility in Water                                    | pH<br>12.5 - 13.0 | Total VOC: 5.00%                        |          |
| Complete                                               |                   |                                         |          |
| Appearance and Odor<br>Purple - Lemon liquid, no odor. |                   |                                         |          |

### Section IV - Fire and Explosion Hazard Data

|                                                                       |                          |             |             |
|-----------------------------------------------------------------------|--------------------------|-------------|-------------|
| Flash Point (Method Used)<br>N.A.                                     | Flammable Limits<br>N.A. | LEL<br>N.A. | UEL<br>N.A. |
| Extinguishing Media<br>Use media proper to the primary cause of fire. |                          |             |             |
| Special Fire Fighting Procedures<br>None.                             |                          |             |             |
| Unusual Fire and Explosion Hazards<br>None.                           |                          |             |             |

### Section V - Reactivity Data

|                                       |                |   |                     |      |
|---------------------------------------|----------------|---|---------------------|------|
| Stability                             | Unstable       |   | Conditions to Avoid | N.A. |
|                                       | Stable         | X |                     |      |
| Incompatibility (Materials to Avoid)  |                |   |                     |      |
| Strong acids and oxidizers.           |                |   |                     |      |
| Hazardous Decomposition or Byproducts |                |   |                     |      |
| None known.                           |                |   |                     |      |
| Hazardous Polymerization              | May Occur      |   | Conditions to Avoid | N.A. |
|                                       | Will Not Occur | X |                     |      |

**Section VI - Health Hazard Data**

|                    |             |       |            |
|--------------------|-------------|-------|------------|
| Route(s) of Entry: | Inhalation? | Skin? | Ingestion? |
|                    | Yes         | Yes   | Yes        |

Health Hazards (Acute and Chronic)

**Eyes:** May cause severe irritation, redness, burns and possible corneal injury.**Skin:** May cause severe irritation, redness, burns. May be absorbed through skin with prolonged or repeated contact.**Ingestion:** May cause severe irritatio or burning of gastrointestinal tract and possible mucosal injury.**Inhalation:** May irritate respiratory tract when used with inadequate ventilation.

|                  |      |                  |                 |
|------------------|------|------------------|-----------------|
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
|                  | No   | No               | No              |

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedure

**Eyes:** Flush with a large amount of water for 15 minutes holding eyelids open. Seek medical attention.**Skin:** Remove contaminated clothing and footwear. Flood/shower with water.**Ingestion:** Rinse mouth with water. Give 2-3 large glasses of water. Do not induce vomiting. Seek medical attention.**Inhalation:** Remove to fresh air and rest. In all cases, if symptoms persist, seek medical attention.**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal Method

Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

Precautions to be Taken in Handling and Storage

Store in cool, dry area. Follow good housekeeping practices.

Other Precautions

N/A

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

None normally required with adequate room ventilation.

|             |                     |             |         |      |
|-------------|---------------------|-------------|---------|------|
| Ventilation | Local Exhaust       | Acceptable  | Special | N.A. |
|             | Mechanical(General) | Recommended | Other   | N.A. |

Protective Gloves

Rubber/Neoprene.

Eye Protection

Chemical splash goggles.

Other Protective Clothing or Equipment

Full cover clothing - rubber apron.

Work/Hygienic Practices

Wash thoroughly after use.

N.A.=Not Applicable N.E.=Not Established N.D.=Not Determined

All information contained in this material safety data sheet is believed to be true and accurate at this time. However, Beaver Research Company makes no guarantees, expressed or implied, nor assumes any liability for its use.