

# 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**  
Occupational Safety and Health Administration

**Identification** (As Used on Label and List)  
Bulldozer & Equipment Cleaner

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

## Section I

Supplier's Name	NOCO Lubricants
Address (number, street, state & zip code)	2440 Sheridan Drive Tonawanda, New York 14221
Emergency Phone Number	800-500-6626
Telephone Number for Information	800-500-6626
Date Prepared May 2008	Signature of Preparer (optional)

## Section II – Hazards Ingredients/Identity Information

Hazardous Components ( Specific Chemical Identity: Common Name (s))	Ethylene Glycol Monobutyl Ether CAS#111-76-2 Sodium Hydroxide CAS# 1310-73-2
OSHA PEL	25 PPM 2 MG/M3 CEILING
ACGIH TLV	25 PPM 2 MG/M3 CEILING
Other Limits Recommended	
% (optional)	

## Section III – Physical/Chemical Characteristics

Boiling Point 212° F	Specific Gravity (H2O=1) 1.09
Vapor Pressure (mm Hg) Not Applicable	Melting Point Not Applicable
Vapor Density (AIR=1) Not Applicable	Evaporation Rate (Butyl acetate = 1) Not Established
Solubility in Water Complete	
Appearance and Odor Clear, Light Yellow Liquid	

## Section IV – Fire & Explosion Hazard Data

Flash Point (method used) Non-flammable	
Flammable Limits	LEL N/A UEL N/A
Extinguishing Media	
Special Fire Fighting Procedures	
Unusual Fire and Explosion Hazards None	

## Section V – Reactivity Data

Stability	Conditions to Avoid Mixing with any other cleaning product; mix only with water.
Unstable	
Stable X	Recommended storage temperature less than 100° F
Incompatibility (materials to avoid)	Acidic materials, Organic chemicals, and various metals, Aluminum, Magnesium, Zinc, Tin, Brass, which can generate flammable hydrogen gas.
Hazardous Decomposition or Byproducts	If burned, normal combustion products: Mixing with incompatible materials may produce Hydrogen, Carbon Monoxide, Carbon Dioxide and other toxic irritating fumes.
Hazardous Polymerization May Occur	Conditions to Avoid Do not mix with Acid.
May Occur	
Will Not Occur X	

## Section VI – Health Hazard Data

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## Route(s) of Entry

Inhalation? Yes Skin? Yes Ingestion? Yes Eyes? Yes

## Health Hazards (Acute and Chronic)

Acute: Corrosive to all body tissues.

Chronic: Not Established

**Inhalation:** May cause coughing, discomfort, irritation to nose, throat and mucous membranes.

**Eyes:** May cause severe irritation, burning, vision loss and blindness – corrosive.

**Skin:** May cause severe irritation, dermatitis, and chemical burns – corrosive.

**Ingestion:** May cause discomfort, nausea, vomiting and severe tissue damage to mouth, esophagus, stomach, and to other tissues with which contact is made – corrosive to mouth, throat and stomach.

## Carcinogenicity

NTP? Not Established

IARC Monographs? Not Established

OSHA Regulated? Yes

## Signs and Symptoms of Exposure

Corrosive – may cause severe burns to skin and eyes.

## Medical Conditions Generally Aggravated by Exposure

Open cuts, sores.

## Emergency and First Aid Procedures

Eyes: Immediate and continuous irrigation with flowing water at least 30 minutes is imperative. Prompt medical consultation is essential.

Skin: Immediate continued and thorough washing in flowing water for 30 minutes is imperative while removing contaminated clothing, Prompt medical consultation is essential.

Ingestion: Do not induce vomiting. Give large amounts of water or milk if available and transport to medical facility.

Inhalation: Remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Call a physician.

**NOTE TO PHYSICIAN:** Corrosive. May cause stricture. If lavage is performed, suggest endotracheal and/or esophagoscopy control. If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgement of the physician in response to reactions of the patient.

## Section VII – Precautions for Safe Handling and Use

**Steps Taken in Case Material is Released or Spilled** Stop leak if you can do so without risk. Dike or Dam large spills, soak up with sand or non combustible absorbent material – follow with normal cleanup. \*\* Spills are slippery.

**Waste Disposal Method** Dispose of in accordance with applicable local, state and federal regulations. If approved, dilute to municipal sewer.

**Precautions to Be Taken in Handling And Storing** Follow all label directions, instruct personnel about proper use, hazards, precautions and first aid measures.

**Other Precautions** Do not get in eyes, on skin or on clothing. Remove and wash contaminated clothing before reuse.

## Section VIII – Control Measures/Personal Protective Equipment

**Respiratory Protection (Specify Type)** None with normal use.

**Ventilation – Local Exhaust** Preferred

**Special** N/A

**Mechanical (General)** Satisfactory

**Other** Avoid breathing of vapor and/or spray

**Protective Gloves** rubber or neoprene

**Eye Protection** Yes - Splashproof chemical goggles

**Other Protective Clothing or Equipment** Rubber boots and apron

**Work/ Hygienic Practices** Wash after handling or using this product. Launder contaminated clothing before reuse. Clean or replace contaminated foot wear.