

**MT. HOOD CHEMICAL CORPORATION (MT. HOOD SOLUTIONS)**

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Emergency Phone: 503-227-3505

N/A = NOT APPLICABLE

NA = NOT AVAILABLE

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**MATERIAL SAFETY DATA SHEET****PRODUCT NAME: GREASE KICKER**PRODUCT NAME: **GREASE KICKER**

PREPARED BY: K. Woods

DATE: August 31, 1995

CHEMICAL FAMILY: Alkaline Detergent Mixture

FORMULA: Proprietary

**HAZARDOUS INGREDIENTS (CAS #):**

HAZARDOUS INGREDIENTS (CAS #):	%	EXPOSURE LIMITS, ppm:	ACGIH TLV	OSHA-PEL
2-butoxyethanol (111-76-2) **	Less than 10%		25	25
Sodium metasilicate (6834-92-0)	Less than 10%		N/A	N/A
Sodium hydroxide (1310-73-2)	Less than 10%		2 mg/M <sup>3</sup>	2 mg/M <sup>3</sup>

\*\* Ingredient subject to SARA Title III, Section 313 reporting requirements if annual usage exceeds 10,000 lbs

CARCINOGENIC INGREDIENTS: Contains no known or suspected carcinogens.

**PHYSICAL PROPERTIES:**

Boiling Point: About 200°F

Solubility in Water: 100%

Specific Gravity - Liquid (H<sub>2</sub>O = 1): 1.05-1.06

Odor and Appearance: Clear blue liquid; mild sweetish scent

% Volatiles: NA

% Volatile Organic Content (VOC): Less than 10%

Vapor Pressure: NA

Vapor Density (Air = 1): NA

**FIRE AND EXPLOSION DATA:**

Flash Point: 175°F, TCC

Extinguishing Media: Water, CO<sub>2</sub>, foam, dry chemical

Special Firefighting Procedures: None

Unusual Hazards: None

Flammability Limits: NA

**HEALTH EFFECTS:**

Effects of overexposure: Corrosive. May cause eye or skin burns. Ingestion may cause nausea, diarrhea, and irritation or burns to mouth, throat, and esophagus. Overexposure to vapors or absorption of 2-butoxyethanol through the skin may cause headache, dizziness, or nausea.

Inhalation of mist may result in mild irritation of nasal membranes to severe irritation to the respiratory tract.

Chronic effects of overexposure: Chronic overexposure may produce effects in blood due to 2-butoxyethanol absorption.

Medical conditions that may be aggravated by exposure: Liver, kidney, blood disorders may be aggravated.

Primary routes of entry: Ingestion, skin contact, inhalation of mists or vapors.

**EMERGENCY AND FIRST AID PROCEDURES:**

Eye Contact: Flush thoroughly with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: Flush thoroughly from skin with water. If irritation persists, see a physician.

Ingestion: Drink plenty of water and call a physician immediately. DO NOT INDUCE VOMITING UNLESS INSTRUCTED BY A PHYSICIAN.

Inhalation of mist or vapor: Move to fresh air. If breathing is difficult, give oxygen and get medical attention.

**REACTIVITY DATA:**

Stability: Stable

Incompatibility: Strong acids will neutralize product.

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur.

Conditions to Avoid: None

**SPILL OR LEAKAGE PROCEDURES:**

Steps to be taken if material is released or spilled: Ventilate area well and extinguish all sources of ignition. Dilute with water and neutralize with dilute acid solution. Diluted, neutralized material may be mopped up, absorbed on an absorbent, or flushed to sewer with plenty of water.

Scrub floor well to remove residue to prevent slipperiness.

Waste disposal method: According to local, state, or federal ordinances.

**SPECIAL PROTECTION INFORMATION:**

Ventilation: Use with adequate ventilation.

Eye Protection: Safety goggles required when handling the concentrate.

Protective Gloves: Impervious gloves required when handling the concentrate.

Respiration Protection: None required in normal use.

Other Protective Equipment: None required.

**SPECIAL PRECAUTIONS:**

Precautions to be taken in handling and storage: Store in closed container in cool place. Store away from sources of ignition or open flames.

Wash thoroughly after handling.

KEEP OUT OF REACH OF CHILDREN.

Other precautions: None

**HAZARD RATING:**

Health:	2	0 = Minimal	3 = Serious
Fire:	2	1 = Slight	4 = Severe
Reactivity:	0	2 = Moderate	

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P R O D U C T I N F O R M A T I O N

## GREASE KICKER - HEAVY DUTY DETERGENT CLEANER

### GENERAL DESCRIPTION:

GREASE KICKER is a versatile cleaner for many applications. Emulsifies and removes fats, proteins, oils, and food soils from equipment, walls and floors. GREASE KICKER is free rinsing and leaves no residue. Not suitable for use on aluminum or other soft metals.

USDA authorized for use in federally inspected food processing plants.

### PROPERTIES:

Form:	Liquid
Color:	Blue
Odor:	Light butyl solvent

### USE DIRECTIONS:

For use on stainless steel mixing equipment and utensils, use 2 ounces of GREASE KICKER per gallon of water. Wash utensils and equipment thoroughly with this solution. Rinse with potable water.

For floors, walls, and general cleaning, use 6 oz. of GREASE KICKER per gallon of water. Spray or mop on. Wait approximately 1 minute. Wipe clean and rinse with potable water.

### CAUTION:

Corrosive. Contains Sodium Hydroxide. Avoid contact with skin or eyes. When handling concentrate, wear rubber gloves and goggles. For contact with skin or eyes, flush with plenty of water for at least 15 minutes. For eyes, see a physician. Do not ingest. Consult the Material Safety Data Sheet for additional precautions.

### **KEEP OUT OF REACH OF CHILDREN.**

### PACKAGING:

55 gallon drum  
30 gallon drum  
4x1 gallon/case

12/06