



A Chemtura Company

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From:

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MATERIAL SAFETY DATA SHEET

MSDS

Greased Lightning Super-Strength Multipurpose Cleaner & Degreaser

Date-Issued: 03/01/2004
MSDS Ref. No: HGRL112ST
Date-Revised: 03/01/2004
Revision No: New MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Greased Lightning Super-Strength Multipurpose Cleaner & Degreaser
GENERAL USE: Household Multipurpose Cleaner & Degreaser

MANUFACTURER

HomeCare Labs, Inc.
P.O. Box 491150
Lawrenceville, GA 30049
Customer SERVICE: (800)448-5281

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical): (877) 800 - 5553
CHEMTREC (US Transportation): (800) 424 - 9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Sodium hydroxide	1310-73-2	< 10
2-Butoxyethanol	111-76-2	< 10

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

PHYSICAL APPEARANCE: Clear, colorless liquid with a slightly odor.

IMMEDIATE CONCERNS: CAUTION: EYE IRRITANT. Avoid contact with eyes. Do not taste or swallow. Avoid prolonged contact with skin. Use rubber gloves for sensitive skin. Wash hands thoroughly after use.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation. Avoid contact with eyes.

SKIN: May cause skin irritation. Avoid contact with skin.

INGESTION: May be irritating to gastrointestinal tract. Do not ingest.

INHALATION: This product is not expected to present an inhalation hazard for normal use practices.

CHRONIC: There are no known chronic hazards.

ROUTES OF ENTRY: Eye Contact and Skin Contact.

4. FIRST AID MEASURES

EYES: If contact with eye occurs: Immediately flush with cold water for at least 15 minutes. If irritation persists, get medical attention.

SKIN: If on skin: Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

INGESTION: If ingested: Do not induce vomiting. Drink several glasses of water and get immediate medical attention.

INHALATION: Not an expected route of overexposure.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > (212°F)

GENERAL HAZARD: There are no unusual fire and explosion hazards known.

Greased Lightning Super-Strength Multipurpose Cleaner & Degreaser

Page 2 of 4

EXTINGUISHING MEDIA: Dry chemical, water, foam or carbon dioxide. Do not flush into storm drain or public sewer.

EXPLOSION HAZARDS: This product does not pose an immediate explosion hazard.

FIRE FIGHTING PROCEDURES: Flood with copious amounts of water.

FIRE FIGHTING EQUIPMENT: Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills may be mopped up or flushed away with water. Otherwise, cover the liquid with an inert absorbent, and scoop up all spilled material & absorbent and place into clean dry plastic containers for disposal. Dispose of according to local, state and federal regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin or clothing.

HANDLING: Mix only with water. Do not mix with other chemicals.

STORAGE: Keep this product in original tightly closed container when not in use. Store in a cool, dry, well ventilated area. Do not reuse container, but place in trash collection.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE GUIDELINES:****OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)**

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>SUPPLIER OEL</u>	
	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Sodium hydroxide	TWA	2		2		
	STEL			2		
2-Butoxyethanol	TWA	50 ppm		20 ppm		

ENGINEERING CONTROLS: General room ventilation. Not expected to be an inhalation hazard.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Wear safety glasses with side shields where there is potential for eye contact.

SKIN: Household gloves are recommended for prolonged contact or for persons with sensitive skin.

RESPIRATORY: Respirator protection is not normally required under routine use conditions. If product is used in an area with poor ventilation and mist or vapor is expected, a respirator that meets OSHA/ANSI standards may be required.

PROTECTIVE CLOTHING: If product gets on clothing, remove and wash before reuse.

WORK HYGIENIC PRACTICES: In accordance with good industrial hygiene practices, wash hands thoroughly with soap and water after handling this product.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slight

APPEARANCE: Clear

COLOR: Colorless

Greased Lightning Super-Strength Multipurpose Cleaner & Degreaser

Page 3 of 4

pH: 12.7 to 13.2

PERCENT VOLATILE: 90

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Heavier than air.

BOILING POINT: (212°F)

FREEZING POINT: Not Established

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Equal to water

SPECIFIC GRAVITY: 1 (water=1)

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known.

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This product is an eye irritant.

SKIN EFFECTS: This product may be irritating to skin.

CARCINOGENICITY:

The components of this product are not listed as a carcinogen by IARC.

The components of this product are not listed as a carcinogen by NTP.

The components of this product are not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available on product.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: Disposal of unused, uncontaminated product is regulated according to local, state, and federal regulations.

EMPTY CONTAINER: Do not reuse empty container. Discard in trash.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)****OTHER SHIPPING INFORMATION:**

If shipped by motor vehicle or rail, product may be shipped as non-regulated product.

If shipped by air or water, product should be shipped as:

Proper Shipping Name: Corrosive Liquid, Basic, Organic, N.O.S.

UN/NA number: 3267

Packing Group: III;

ORM-D Exemption possible.

15. REGULATORY INFORMATION**UNITED STATES**

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

Greased Lightning Super-Strength Multipurpose Cleaner & Degreaser

Page 4 of 4

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This product or its components are not subject to export notification.

TSCA STATUS: This product or its components are listed on the TSCA Inventory.

CLEAN WATER ACT: A component of this product is listed as a Clean Water Act Section 311 Hazardous Substance.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This product is not a US EPA registered pesticide.

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department

REVISION SUMMARY New MSDS

HMIS RATING

HEALTH:		1
FLAMMABILITY:		0
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		

NFPA RATING

HEALTH:	1
FIRE:	0
REACTIVITY:	0

Key

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

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