

12x32 OZ GREASED LIGHTNING HH

Version:	1.1
Revision Date:	03/06/2008
Print Date:	04/15/2008

The recipient of this Safety Data Sheet is urged to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet,(2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employees and customers as well.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: 12x32 OZ GREASED LIGHTNING HH
Product Use Description: Household Multipurpose Cleaner & Degreaser

Company: HomeCare Labs, Inc.
P.O. Box 491150
Lawrenceville, GA
30049-1002

Emergency telephone: CHEMTREC (US Transportation) :
(800) 424-9300
(703) 527-3887
Poison Control Center (Medical) :
(877) 800-5553

Customer Service: (800) 859-7946

Prepared by: Product Safety Department
(US) +1 866-430-2775
(EU) +44 (0) 1753.603.000
Email: MSDSRequest@chemtura.com

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

DANGER!

Form: clear liquid
Colour: colourless
Odour: characteristic

Eye burns may occur.
Causes eye irritation.
Harmful if swallowed.
Harmful by inhalation.
Causes skin irritation.
Do not get in eyes, on skin, or on clothing.
Do not taste or swallow.

OSHA Hazards:
THIS MATERIAL IS HAZARDOUS UNDER THE
CRITERIA OF THE FEDERAL OSHA HAZARD
COMMUNICATION STANDARD 29CFR 1910.1200.

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Potential Health Effects

- Primary Routes of Entry : Eye contact
Inhalation
Ingestion
Skin contact
- Inhalation : Harmful if inhaled.
Causes respiratory tract irritation.
- Skin : Causes skin irritation.
- Eyes : Eye burns may occur.
Causes eye irritation.
- Ingestion : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
- Chronic Exposure : None known.

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration
sodium hydroxide	1310-73-2	< 2 %
2-butoxyethanol	111-76-2	< 5 %
Proprietary Surfactant		< 5 %

SECTION 4. FIRST AID MEASURES

First aid procedures

- Inhalation : Remove person to fresh air. If signs/symptoms continue, get medical attention.
Call a physician or poison control centre immediately.
- Skin contact : Rinse immediately with plenty of water for at least 15 minutes.
Call a physician or poison control centre immediately.
- Eye contact : Rinse immediately with plenty of water for at least 15 minutes.
Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
Call a physician or poison control centre immediately.
- Ingestion : If swallowed, DO NOT induce vomiting.
Drink 1 or 2 glasses of water.
Call a physician or poison control centre immediately.

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SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : > 200.1 °F (93.4 °C)

Protective equipment and precautions for firefighters

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

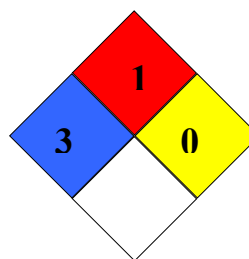
Hazardous decomposition products : Carbon oxides

Further information : There are no unusual fire and explosion hazards known.

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

Further information

NFPA Classification : Health Hazard: 3
Fire Hazard: 1
Reactivity Hazard: 0



SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for containment / Methods for cleaning up : Using appropriate protective clothing and safety equipment, contain spilled material.
Clean-up methods - small spillage
Flush with plenty of water.
Clean-up methods - large spillage
Soak up with inert absorbent material.
Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal.

Additional advice : Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

Handling

MSDS Number: HOME_4500139

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Advice on safe handling : Avoid contact with mucous membranes.
 Avoid contact with skin, eyes and clothing.
 Mix only with water.
 Do not mix with other chemicals.
 Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco.
 Do not handle until all safety precautions have been read and understood.

Storage

Requirements for storage areas and containers : Store in original container.
 Store in a cool, dry, well ventilated area away from heat or open flame.
 Keep out of reach of children.
 Keep away from animals.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines****Components with workplace control parameters**

Components / CAS-No.	Value - Basis - Update	Control parameters	Further information
sodium hydroxide 1310-73-2	CEIL ; ACGIH 1994-09-01	2 mg/m3	
sodium hydroxide 1310-73-2	CEIL ; OSHA PO 1989-03-01	2 mg/m3	
sodium hydroxide 1310-73-2	TWA ; OSHA P1 1993-06-30	2 mg/m3	

Exposure Guidelines**Components with workplace control parameters**

Components / CAS-No.	Value - Basis - Update	Control parameters	Further information
2-butoxyethanol 111-76-2	TWA ; ACGIH 2003-01-01	20 ppm	A3: Confirmed animal carcinogen with unknown relevance to humans. 2002 Adoption.
2-butoxyethanol 111-76-2	TWA ; OSHA PO 1989-03-01	25 ppm 120 mg/m3	Skin contact does contribute to exposure.
2-butoxyethanol 111-76-2	TWA ; OSHA P1 1993-06-30	50 ppm 240 mg/m3	Skin contact does contribute to exposure.

Engineering measures

Engineering measures : Use with adequate ventilation.
 Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
 Ensure that eyewash stations and safety showers are close to the workstation location.

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Personal protective equipment

- Eye protection : Safety glasses with side-shields
- Hand protection : Wear rubber gloves.
- Respiratory protection : No personal respiratory protective equipment normally required.
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.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Remove and wash contaminated clothing before re-use.
Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : clear
liquid
- Colour : colourless
- Odour : characteristic

Safety data

- Flash point : > 200.1 °F (93.4 °C)
- pH : 12.5 - 13.0
(undiluted)
- Freezing point : Not Available
- Boiling point/boiling range : 212 °F (100 °C)
- Vapour pressure : Not Available
- Bulk density : 8.47 lb/gal
- Water solubility : soluble
- Relative vapour density : Heavier than air
- Evaporation rate : Equal to water

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SECTION 10. STABILITY AND REACTIVITY

- Conditions to avoid : High temperatures.
Poor ventilation.
Contamination

- Materials to avoid : Ammonia
Chlorine bleach
Oxidizing agents
Other chemicals

- Hazardous decomposition products : Hazardous decomposition productsCarbon oxides
- Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

- Skin irritation : May cause skin irritation.

- Eye irritation : Causes eye irritation.
Eye burns may occur.

SECTION 12. ECOLOGICAL INFORMATION

- Additional ecological information : no data available

SECTION 13. DISPOSAL CONSIDERATIONS

- Further information : Dispose of waste material in compliance with all federal, state, and local regulations.
Recycle or dispose of container in trash.
- Contaminated packaging : Do not re-use empty containers.
Rinse thoroughly before discarding in trash.

SECTION 14. TRANSPORT INFORMATION

DOT UN-Number : 3267

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Proper shipping name : Corrosive liquid, basic, organic, n.o.s.
Proper technical name (CONTAINS SODIUM HYDROXIDE)
Class : 8
Packing group : III

IATA UN-Number : 3267
Proper shipping name : Corrosive liquid, basic, organic n.o.s.
Proper technical name (CONTAINS SODIUM HYDROXIDE)
Class : 8
Packing group : III

IMDG UN-Number : 3267
Proper shipping name : CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
Proper technical name (CONTAINS SODIUM HYDROXIDE)
Class : 8
Packing group : III

Not recommended for shipment by air
Not regulated by ground or rail.
Limited Quantity exemption possible

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SECTION 15. REGULATORY INFORMATION

National regulatory information

OSHA Hazards : This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SARA Hazard category : Acute Health Hazard

US CERCLA (Component) : US. Environmental Protection Agency (EPA); The 1980 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

Reportable quantity: 1,000 lbs

sodium hydroxide	1310-73-2	< 2 %
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Listed, No RQ is being assigned to this generic or broad class. Includes mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol R-(OCH₂CH₂)_N-OR' which yield ethers: R-(OCH₂CH₂)_N-OH. Polymers are excluded from the glycol category.

2-butoxyethanol	111-76-2	< 5 %
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Reportable quantity: 1,000 lbs

Proprietary Surfactant		< 5 %
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US SARA 313 (Component) : US. Environmental Protection Agency (EPA); Title III of Superfund Amendments and Reauthorization Act (SARA) of 1986 Section 313 Reportable Chemicals List, Toxic chemical listings and de minimis concentrations as amended by US Federal Register Final rules.

De minimis concentration: 1 %

Applies to glycol ethers R-(OCH₂CH₂)_N-OR', where N= 1,2, or 3; R = alkyl C7 or less, or R = phenyl or alkyl substituted phenyl; R' = H or alkyl C7 or less, or OR' = carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate.

2-butoxyethanol	111-76-2	< 5 %
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US CWA (Product) : Listed

US State Regulations

US MA RTK : US. The Commonwealth of Massachusetts Department of Public Health;

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(Component)

<u>Massachusetts Right-to-know law, The Massachusetts Substance List, 105 CMR 670.000</u>		
Massachusetts hazardous substance		
sodium hydroxide	1310-73-2	< 2 %

Massachusetts hazardous substance		
2-butoxyethanol	111-76-2	< 5 %

Massachusetts hazardous substance		
Proprietary Surfactant		< 5 %

US NJ RTK
(Component)

:

<u>US. New Jersey Department of Environmental Protection -; Bureau of Hazardous Substances New Jersey Right to Know Law, Hazardous Substance List [P.L. 1983, C. 315, NJSA 34:5A-1 et seq]</u>		
special health hazard substance, special health hazard, corrosive		
sodium hydroxide	1310-73-2	< 2 %

hazardous substance		
2-butoxyethanol	111-76-2	< 5 %

special health hazard substance, special health hazard, corrosive		
Proprietary Surfactant		< 5 %

US PA RTK
(Component)

:

<u>US. Commonwealth of Pennsylvania - Department of Labor and Industry; Pennsylvania Code Title 34, Labor and Industry Chapter 323</u>		
environmental hazard, hazardous substance		
sodium hydroxide	1310-73-2	< 2 %

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hazardous substance		
2-butoxyethanol	111-76-2	< 5 %
environmental hazard, hazardous substance		
2-butoxyethanol	111-76-2	< 5 %
environmental hazard, hazardous substance		
Proprietary Surfactant		< 5 %

The components of this product are reported in the following inventories:
TSCA

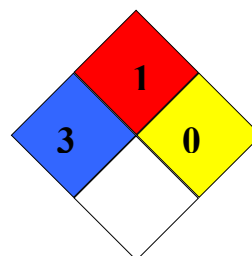
Additional advice :

FIFRA (Federal Insecticide, Fungicide, Rodenticide Act): This product is not a registered pesticide.

SECTION 16. OTHER INFORMATION

Further information

NFPA Classification : Health Hazard: 3
Fire Hazard: 1
Reactivity Hazard: 0



HMIS Classification : Health Hazard: 3
Flammability: 1
Physical and chemical hazards: 0

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of the seller, it is the user's obligation to determine the conditions of safe use of the products.