

Material Safety Data Sheet

GREASED LIGHTNING® MULTI-PURPOSE CLEANER & DEGREASER

Version: 1.0

Revision Date: 12/20/2011

Print Date: 02/16/2012

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *GREASED LIGHTNING® MULTI-PURPOSE CLEANER & DEGREASER*

Product Use Description: Home Care Product

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

Telephone: (800) 949-7946

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300, 703-527-3887
Poison Control Center (Medical) :: (877) 800-5553

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by: Product Safety Department
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12/20/2011

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SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Danger

Form: liquid Colour: clear Odour: Clean, fresh fragrance

Hazard Summary : Eye burns may occur.
Causes eye irritation.
Harmful if swallowed.
Harmful by inhalation.
Causes skin irritation.

OSHA Hazards : IRRITANT

Potential Health Effects

Primary Routes of Entry : Eye contact
Inhalation
Ingestion
Skin contact

Inhalation : Harmful if inhaled.

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- 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.

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

| Component / CAS-No. | Weight percent |
|---|----------------|
| (2-methoxymethylethoxy)propanol 34590-94-8 | < 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. Get medical attention if irritation develops and persists.
- 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.

SECTION 5. FIREFIGHTING MEASURES

Flammable properties

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Flash point : 200 °F (93 °C)

Fire fighting

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

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

Protective equipment and precautions for firefighters

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

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

Handling procedures : 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 / | Control | Further information |
|----------------------|-----------------|---------|---------------------|
|----------------------|-----------------|---------|---------------------|

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| | Update | parameters | |
|---|---------------------------------------|----------------------|--|
| (2-methoxymethylethoxy)propanol 34590-94-8 | TWA ACGIH 2007-01-01 | 100 ppm | |
| | STEL ACGIH 2007-01-01 | 150 ppm | |
| | TWA OSHA P1 1997-08-04 | 100 ppm 600 mg/m3 | |
| | TWA OSHA P0 1989-01-19 | 100 ppm 600 mg/m3 | |
| | STEL OSHA P0 1989-01-19 | 150 ppm 900 mg/m3 | |
| 2,2'-iminodiethanol 111-42-2 | TWA OSHA P0 1989-01-19 | 3 ppm 15 mg/m3 | |
| | TWA ACGIH 2009-01-01 | 1 mg/m3 | |

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.

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.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid
Colour : clear
Odour : Clean, fresh fragrance

Safety data

Flash point : 200 °F (93 °C)
pH : 12.8
Freezing point : Note: Not Available
Boiling point/boiling range : 213.1 °F (100.6 °C)
Vapour pressure : Note: Not Available
Density : 0.995 - 1.015 g/cm³
Water solubility : 100 g/l
Relative vapour density : Note: Heavier than air
Evaporation rate : Note: Equal to water

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: High temperatures.
Poor ventilation.
Contamination
Materials to avoid : Remarks: Ammonia
Chlorine bleach
Oxidizing agents
Other chemicals
Hazardous decomposition products : Note: Carbon oxides
Hazardous reactions : Hazardous polymerisation does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity
(2-methoxymethylethoxy)propa
nol : LD50: > 2,000 mg/kg
Species: rat

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| | |
|--|--|
| Acute inhalation toxicity (2-methoxymethylethoxy)propanol | : LC50: Exposure time: 7 h Species: rat |
| Acute dermal toxicity (2-methoxymethylethoxy)propanol | : LD50: > 2,000 mg/kg Species: rabbit |
| Skin irritation | : Remarks: May cause skin irritation. |
| Eye irritation | : Remarks: Irritating to eyes. Eye burns may occur. |
| Sensitisation (2-methoxymethylethoxy)propanol | : Species: Human Classification: Did not cause sensitization on laboratory animals. |
| Teratogenicity (2-methoxymethylethoxy)propanol | : Species: rat Application Route: Inhalation |
| CMR effects (2-methoxymethylethoxy)propanol | : Carcinogenicity: Animal testing did not show any carcinogenic effects. Mutagenicity: Animal testing did not show any mutagenic effects. Teratogenicity: No effects on or via lactation Reproductive toxicity: No toxicity to reproduction |

12. ECOLOGICAL INFORMATION

| | |
|---|---|
| Toxicity to fish (2-methoxymethylethoxy)propanol | : LC50: > 5,000 mg/l Exposure time: 96 h Species: Pimephales promelas (fathead minnow) static test |
| Toxicity to daphnia and other aquatic invertebrates (2-methoxymethylethoxy)propanol | : LC50: 1,919 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) static test |
| Toxicity to algae (2-methoxymethylethoxy)propanol | : EC50: > 969 mg/l Exposure time: 72 h Species: Algae Growth inhibition |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) (2-methoxymethylethoxy)propanol | : NOEC: 0.5 mg/l Exposure time: 22 d |

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no1 Survival and growth
Species: Daphnia magna (Water flea)
flow-through test

Bioaccumulation
(2-methoxymethylethoxy)propa
no1 : Bioconcentration factor (BCF): < 1

Biodegradability
(2-methoxymethylethoxy)propa
no1 : aerobic
Result: Readily biodegradable.
79 %

Further information on ecology

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.

Contaminated packaging : Recycle or dispose of container in trash.
Do not re-use empty containers.
Rinse thoroughly before discarding in trash.
Offer rinsed packaging material to local recycling facilities.

SECTION 14. TRANSPORT INFORMATION

DOT

Not dangerous goods

IATA

UN number : 3267
Description of the goods : Corrosive liquid, basic, organic, n.o.s.
(CONTAINS SODIUM HYDROXIDE)
Class : 8
Packing group : III
Labels : 8
Environmentally hazardous : no

IMDG

UN number : 3267
Description of the goods : CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
(CONTAINS SODIUM HYDROXIDE)
Class : 8
Packing group : III
EmS Number 1 : F-A
EmS Number 2 : S-B

Marine pollutant : no
Environmentally hazardous : no

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Not recommended for shipment by air
Limited Quantity exemption possible

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : Irritant

**SARA 302 Reportable
Quantity** :

SARA 311/312 Hazards : Acute Health Hazard

EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

**SARA 302 Reportable
Quantity** :

SARA 304 Components : This material does not contain any components with a section 304 EHS RQ.

**Massachusetts Right To
Know Components** : (2-methoxymethylethoxy)propanol 34590-94-8 OSHA a. United states occupational safety and health administration substances, 29 cfr 1910.1000, sub part z. ACGIH American conference of governmental industrial hygienists threshold limit value (TLV) substances CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III.
dodecylbenzenesulphonic acid 27176-87-0 CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III.

**Pennsylvania Right To
Know Components** : water 7732-18-5
(2-methoxymethylethoxy)propanol 34590-94-8 OSHA a. United states occupational safety and health administration substances, 29 cfr 1910.1000, sub part z. ACGIH American conference of governmental industrial hygienists threshold limit value (TLV) substances CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III.
dodecylbenzenesulphonic acid 27176-87-0 CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III.

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sodium hydroxide 1310-73-2 OSHA a. United states occupational safety and health administration substances, 29 cfr 1910.1000, sub part z.
ACGIH American conference of governmental industrial hygienists threshold limit value (TLV) substances
NFPA49 national fire protection association 'hazardous chemicals data' substances (NFPA 49).
CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III.
Toxic chemical release substances. 52 fr 21152 (6/4/87).
Subject to SARA Title III.

2,2'-iminodiethanol 111-42-2 ACGIH American conference of governmental industrial hygienists threshold limit value (TLV) substances
Toxic chemical release substances. 52 fr 21152 (6/4/87).
Subject to SARA Title III.

New Jersey Right To Know Components

: water 7732-18-5

(2-methoxymethylethoxy)propanol 34590-94-8 OSHA a. United states occupational safety and health administration substances, 29 cfr 1910.1000, sub part z.
ACGIH American conference of governmental industrial hygienists threshold limit value (TLV) substances
CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III.

dodecylbenzenesulphonic acid 27176-87-0 CERCLA hazardous substances. 40 cfr part 302. May be subject to emergency release notification under SARA Title III.

California Prop. 65 Components

: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

Further information

HMIS Classification

: Health hazard: 3
Flammability: 1
Physical hazards: 0

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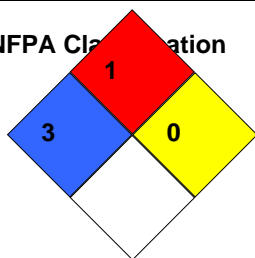
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NFPA Classification



: Health hazard: 3
Fire Hazard: 1
Reactivity Hazard: 0

Other Emergency Phone Number

| | | |
|-----------------------|---------------------|----------------------|
| <u>Latin America:</u> | Brazil | +55 113 711 9144 |
| | All other countries | +44 (0) 1235 239 670 |
| <u>Mexico:</u> | | +52 555 004 8763 |

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.