

## Material Safety Data Sheet

# GREASED LIGHTNING® ORANGE BLAST SUPER STRENGTH CLEANER & DEGREASER

Version: 1.1

Revision Date: 12/20/2011

Print Date: 02/16/2012

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *GREASED LIGHTNING® ORANGE BLAST SUPER STRENGTH CLEANER & DEGREASER*

Product Use Description: Household Multipurpose Cleaner & Degreaser

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

#### Caution

Form: liquid      Colour: clear dark orange      Odour: Orange/Citrus

Hazard Summary : Causes eye irritation.  
May cause skin irritation.  
May cause gastrointestinal irritation, abdominal pain, nausea, vomiting, diarrhea, weakness and fatigue.  
May be harmful if swallowed.  
Do not get in eyes, on skin, or on clothing.

#### Potential Health Effects

Primary Routes of Entry : Eye contact  
Skin contact

Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Skin : May cause skin irritation.

Eyes : Causes eye irritation.

## Material Safety Data Sheet

# GREASED LIGHTNING® ORANGE BLAST SUPER STRENGTH CLEANER & DEGREASER

Version: 1.1

Revision Date: 12/20/2011

Print Date: 02/16/2012

Ingestion : May cause gastrointestinal irritation, abdominal pain, nausea, vomiting, diarrhea, weakness and fatigue.

Chronic Exposure : None known.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

Component / CAS-No.	Weight percent
1-(2-butoxy-1-methylethoxy)propan-2-ol 29911-28-2	< 5 %
Undecan-1-ol, ethoxylated 34398-01-1	< 5 %
(R)-p-mentha-1,8-diene 5989-27-5	< 5 %
Benzenesulfonic acid, C10-16-alkyl derivs. 68584-22-5	< 5 %

### SECTION 4. FIRST AID MEASURES

#### First aid procedures

Inhalation : Remove to fresh air.  
Obtain medical attention for any breathing difficulties.

Skin contact : Remove contaminated clothing and shoes.  
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, also under the eyelids, for at least 15 minutes.  
If irritation persists for more than 30 minutes, seek medical attention.  
Get medical attention if irritation develops and persists.

Ingestion : If swallowed, DO NOT induce vomiting.  
Get medical attention immediately.  
Call a physician or poison control centre immediately.

### SECTION 5. FIREFIGHTING MEASURES

#### Flammable properties

Flash point : 144 °F (62 °C)  
Method: Pensky-Martens closed cup ASTM D 93

#### Fire fighting

Suitable extinguishing media : Water  
Dry chemical  
Foam

## Material Safety Data Sheet

# GREASED LIGHTNING® ORANGE BLAST SUPER STRENGTH CLEANER & DEGREASER

Version: 1.1

Revision Date: 12/20/2011

Print Date: 02/16/2012

Carbon dioxide (CO<sub>2</sub>)

Further information : There are no unusual fire and explosion hazards known.  
Flush with plenty of water.

### Protective equipment and precautions for firefighters

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.  
Do not flush into surface water or sanitary sewer system.

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 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 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.  
Keep tightly closed in a dry, cool and well-ventilated place.  
Keep out of reach of children.

Other data : Stable under normal conditions.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

### Engineering measures

Engineering measures : Use with adequate ventilation.

## Material Safety Data Sheet

# GREASED LIGHTNING® ORANGE BLAST SUPER STRENGTH CLEANER & DEGREASER

Version: 1.1

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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 : Household vinyl or rubber gloves are recommended.
- 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 : Remove and wash contaminated clothing before re-use.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

- Form : liquid
- Colour : clear  
dark orange
- Odour : Orange/Citrus

### Safety data

- Flash point : 144 °F (62 °C)  
Method: Pensky-Martens closed cup ASTM D 93
- pH : 11 - 12.5
- Freezing point : Note: Not Available
- Boiling point/boiling range : > 212 °F (100 °C)
- Vapour pressure : Note: Not Available
- Specific Gravity : 1.004 at
- Water solubility : Note: soluble
- Relative vapour density : Note: Heavier than air
- Evaporation rate : Note: Equal to water

## SECTION 10. STABILITY AND REACTIVITY

- Conditions to avoid : Remarks: None known.

## Material Safety Data Sheet

# GREASED LIGHTNING® ORANGE BLAST SUPER STRENGTH CLEANER & DEGREASER

Version: 1.1

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Materials to avoid : Remarks: Strong oxidizing agents

Hazardous decomposition products : Note: Carbon oxides

Hazardous reactions : Hazardous polymerisation does not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity  
1-(2-butoxy-1-methylethoxy)propan-2-ol : LD50: 4,000 mg/kg  
Species: rat  
Method: OECD Test Guideline 401

Undecan-1-ol, ethoxylated : LD50: 1,000 - 2,000 mg/kg  
Species: rat

Benzenesulfonic acid, C10-16-alkyl derivs. : LD50: 1,350 mg/kg  
Species: rat  
Method: OECD Test Guideline 401

Acute dermal toxicity  
1-(2-butoxy-1-methylethoxy)propan-2-ol : LD50: > 2,000 mg/kg  
Species: rat  
Method: OECD Test Guideline 402

Undecan-1-ol, ethoxylated : LD50: > 2,000 mg/kg  
Species: rat

Skin irritation : Remarks: May cause skin irritation.

Eye irritation : Remarks: Causes eye irritation.

Sensitisation  
1-(2-butoxy-1-methylethoxy)propan-2-ol : Buehler Test  
Species: guinea pig  
Classification: Did not cause sensitization on laboratory animals.  
Method: OECD Test Guideline 406

Patch Test  
Species: Human  
Classification: Did not cause sensitization on laboratory animals.

Undecan-1-ol, ethoxylated : Classification: Did not cause sensitization on laboratory animals.

CMR effects  
1-(2-butoxy-1-methylethoxy)propan-2-ol : Mutagenicity: Animal testing did not show any mutagenic effects.  
Teratogenicity: No effects on or via lactation  
Reproductive toxicity: No toxicity to reproduction

## Material Safety Data Sheet

# GREASED LIGHTNING® ORANGE BLAST SUPER STRENGTH CLEANER & DEGREASER

Version: 1.1

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## 12. ECOLOGICAL INFORMATION

- Toxicity to fish  
1-(2-butoxy-1-methylethoxy)propan-2-ol : LC50: 841 mg/l  
Exposure time: 96 h  
Species: Poecilia reticulata (guppy)  
static test Method: OECD Test Guideline 203
- Undecan-1-ol, ethoxylated : 10 - 20 mg/l  
Exposure time: 96 h  
Species: Pimephales promelas (fathead minnow)  
static test
- Toxicity to daphnia and other aquatic invertebrates  
1-(2-butoxy-1-methylethoxy)propan-2-ol : NOEC: 1,000 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
Immobilization Method: OECD Test Guideline 202
- Undecan-1-ol, ethoxylated : LC50: 1 - 10 mg/l  
Exposure time: 48 h  
Species: Daphnia magna (Water flea)  
static test
- Toxicity to algae  
1-(2-butoxy-1-methylethoxy)propan-2-ol : EC50: 556.4 mg/l  
Exposure time: 96 h  
Species: Green algae
- Biodegradability  
1-(2-butoxy-1-methylethoxy)propan-2-ol : aerobic  
50 %  
Method: Modified Sturm Test
- Undecan-1-ol, ethoxylated : Result: Readily biodegradable.  
> 75 %

### 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.  
Do not re-use empty containers. Recycle or dispose of container in trash.

## SECTION 14. TRANSPORT INFORMATION

## Material Safety Data Sheet

# GREASED LIGHTNING® ORANGE BLAST SUPER STRENGTH CLEANER & DEGREASER

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### 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

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

## SECTION 15. REGULATORY INFORMATION

**SARA 311/312 Hazards** : Acute Health Hazard

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

Note: Listed

## Material Safety Data Sheet

# GREASED LIGHTNING® ORANGE BLAST SUPER STRENGTH CLEANER & DEGREASER

Version: 1.1

Revision Date: 12/20/2011

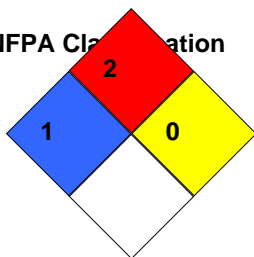
Print Date: 02/16/2012

### SECTION 16. OTHER INFORMATION

#### Further information

**HMIS Classification** : Health hazard: 1  
Flammability: 0  
Physical hazards: 0  
PPI: Ask supervisor or safety specialist for handling instructions

#### NFPA Classification



: Health hazard: 1  
Fire Hazard: 2 Class IIA  
Combustible Liquid  
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.