

**MATERIAL SAFETY DATA SHEET**

MSDS

**Greased Lightning Antibacterial Kitchen Cleaner**

**Date-Issued:** 10/01/2004  
**MSDS Ref. No:** HGR112KC  
**Date-Revised:** 10/04/2004  
**Revision No:** New MSDS

**1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Greased Lightning Antibacterial Kitchen Cleaner  
**GENERAL USE:** Household Kitchen Cleaner

**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

**COMMENTS:** EPA Registration Number: 6836-193-80306

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
2-Butoxyethanol	111-76-2	2
Tetrasodium salt of ethylenediaminetetraacetic acid	64-02-8	1.4
Alkyl dimethylbenzylammonium chloride	68424-85-1	0.3
Nonylphenol (branched), ethoxylated	127087-87-0	0.3

**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Clear blue odorless liquid.

**IMMEDIATE CONCERNS:** CAUTION: Causes eye and skin irritation. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after use.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes eye irritation. Avoid contact with eyes.

**SKIN:** Causes skin irritation. Avoid contact with skin.

**INGESTION:** No adverse health effects anticipated from ingestion of incidental amounts of product.

**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 in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**SKIN:** If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advise.

**INGESTION:** If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**INHALATION:** Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

**5. FIRE FIGHTING MEASURES**

**FLASHPOINT AND METHOD:** >(200°F)

**AUTOIGNITION TEMPERATURE:** Not Established

**FLAMMABLE CLASS:** Class IIIB Flammable Liquid

**EXTINGUISHING MEDIA:** Dry chemical, water, foam or carbon dioxide. Water should be used to cool surrounding containers.

**HAZARDOUS COMBUSTION PRODUCTS:** Combustion products are toxic.

**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 and nitrogen and toxic vapors/fumes of amines and other organic materials.

**6. ACCIDENTAL RELEASE MEASURES**

**GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CAUTION.** Floors may become slippery. Utilizing appropriate clothing and safety equipment, contain spilled material. Cover the liquid with an inert absorbent. Using clean, dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material 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. Avoid breathing vapors or mists.

**HANDLING:** Use safe chemical handling procedures for the hazards presented by this material. Do not mix with other household chemicals.

**STORAGE:** Store only in tightly closed, original container in a secure area inaccessible to children and away from food or feed. Rinse empty container thoroughly before discarding in trash or recycle.

**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/m<sup>3</sup></u>	<u>ppm</u>	<u>mg/m<sup>3</sup></u>	<u>ppm</u>
2-Butoxyethanol	TWA	50		20		
Tetrasodium salt of ethylenediaminetetraacetic acid	TWA	N/E <sup>[1]</sup>		N/E		
Alkyl dimethylbenzylammonium chloride	TWA	N/E		N/E		

**OSHA TABLE COMMENTS:**

- 1. N/E = Not Established

**ENGINEERING CONTROLS:** General room ventilation plus local exhaust should be used to minimize exposure to mists or vapors.

**PERSONAL PROTECTIVE EQUIPMENT:**

**EYES AND FACE:** Use of safety glasses with side shields is recommended, if conditions warrant.

**SKIN:** Household vinyl or rubber gloves are recommended.

**RESPIRATORY:** If used in a confined area, respirator protection may be necessary.

**WORK HYGIENIC PRACTICES:** If product gets on clothing, remove and wash before reuse.

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Odorless

**APPEARANCE:** Clear

**COLOR:** Blue

**pH:** 12

**PERCENT VOLATILE:** 98

**VAPOR PRESSURE:** Not Established

**VAPOR DENSITY:** Not Established

**BOILING POINT:** Not Established

**FREEZING POINT:** Not Established

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE:** Not Established

**SPECIFIC GRAVITY:** 1.01 (water=1) at 25°C

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## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Avoid high temperatures.

**STABILITY:** This product is stable under normal conditions.

**POLYMERIZATION:** Hazardous polymerization will not occur under normal conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon and nitrogen and toxic vapors/fumes of amines and other organic materials.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, reducing agents, chlorine-type bleaches or other household products.

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## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** This product is an eye irritant.

**SKIN EFFECTS:** This product is a skin irritant.

**SENSITIZATION:** This product is not expected to be a skin sensitizer.

**CARCINOGENICITY:**

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

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## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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**13. DISPOSAL CONSIDERATIONS**

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

**EMPTY CONTAINER:** Do not reuse container. Rinse thoroughly before discarding in trash.

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not Regulated as a DOT Hazardous Material

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:**

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

**313 REPORTABLE INGREDIENTS:** Ethylene glycol monobutyl ether is a SARA Title III Section 313 Toxic Chemical.

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** This product or its components are not listed.

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** Ethylene glycol monobutyl ether (CAS # 111-76-2), a component of this product, has a CERCLA RQ of 5000 lbs.

**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 not listed on the TSCA Inventory.

**OSHA HAZARD COMM. RULE:** Product is hazardous by definition of the Hazardous Communication Standard.

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** This product is a US EPA registered pesticide.

**CLEAN AIR ACT**

**40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** Ethylene glycol monobutyl ether is subject to the Clean Air Act Section 111 Volatile Organic Compounds and Clean Air Act Section 112 Statutory Air Pollutants.

**16. OTHER INFORMATION**

**PREPARED BY:** Regulatory Affairs Department

**REVISION SUMMARY** New MSDS

**HMIS RATING**

<b>HEALTH:</b>		1
<b>FLAMMABILITY:</b>		1
<b>PHYSICAL HAZARD:</b>		0
<b>PERSONAL PROTECTION:</b>		

**NFPA RATING**

<b>HEALTH:</b>	1
<b>FIRE:</b>	1
<b>REACTIVITY:</b>	0

Key

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

**NFPA STORAGE CLASSIFICATION:** NFPA Flammable Liquid, Class IIIB

**COMMENTS:** The contents and format of this MSDS are in accordance with OSHA Hazard Communication Standard, National Fire Protection Association (NFPA), and Hazardous Materials Identification System (HMIS).

**MANUFACTURER DISCLAIMER: IMPORTANT:** The information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.