

Material Safety Data Sheet

Antibacterial Lemon Fresh Pine Glo Kitchen & Bathroom Cleaner & Disinfectant

PINE GLO PRODUCTS, Inc.
Manufacturer
P.O. Box 429
Address
Rolesville, NC 27571
919-556-7787
Phone Number (For Information)
919-556-7787
Emergency Phone Number Telex*

Identity (Trade Name As Used on Label)

MSDS Number*
CAS Number
8/20/10
Date Prepared
Prepared By*

Health : 1

Flammability : 1

Reactivity : 0

Lonza Formulation DC-103

MATERIAL DATE ISSUED DOT HAZARD CLASSIFICATION

Lonza Formulation DC-103 08/01/07 - Rev. Non-hazardous

DOT SHIPPING NAME

CAS NO. See Section I SUPERCEDES Not regulated

10/20/92 DOT LABEL None

FORMULA Mixture

CHEMICAL NAME Mixture

***** I - INGREDIENTS *****

APPROXIMATE

WEIGHT % TWA/TLV

Di-N-alkyl(C8-10)dimethylammonium chloride

(CAS No. 68424-95-3) 0.05 None established

Linear primary and/or secondary alcohol ethoxylates

and/or nonyl phenol ethoxylate 0.04 None established

N-Alkyl(C12-16)dimethylbenzylammonium chloride

(CAS No. 68424-85-1) 0.03 None established

Tetrasodium ethylenediamine tetraacetate

(CAS No. 64-02-8) 0.03 None established

Sodium metasilicate (CAS No. 6834-92-0) 0.01 None established

Water (CAS No. 7732-18-5) 99.8 None established

Fragrance

Dye

***** II - PHYSICAL AND CHEMICAL PROPERTIES *****

APPEARANCE Clear liquid (color depends

upon optional dye added) pH 11.0

VISCOSITY Not known ODOR Depends upon fragrance added

BOILING POINT Not known MELTING OR FREEZING POINT Not known

VAPOR DENSITY (Air=1) Not known VAPOR PRESSURE (mm Hg) Not known

PERCENT VOLATILE (by weight) 99.8 SOLUBILITY IN WATER Soluble

EVAPORATION RATE (Butyl Acetate=1) Not known SPECIFIC GRAVITY (WATER = 1) 1.00 @ 25°C known

***** III - FIRE AND EXPLOSION INFORMATION *****

FLASH POINT >200°F AUTO IGNITION TEMPERATURE Not known

MATERIAL SAFETY DATA SHEET

EMERGENCY TELEPHONE: 800-424-9300 (Chemtree)

LOWER EXPLOSION LIMIT (%) Not applicable UPPER EXPLOSION LIMIT (%) Not applicable

EXTINGUISHING MEDIA FOAM X ALCOHOL FOAM CO2 X

DRY CHEMICAL X WATER X OTHER

SPECIAL FIRE FIGHTING PROCEDURES:

Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.

***** III - FIRE AND EXPLOSION INFORMATION (continued) *****

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Products of combustion are toxic.

***** IV - HEALTH EFFECTS INFORMATION *****

PRIMARY ROUTES OF ENTRY - SKIN CONTACT X EYE CONTACT X

INHALATION INGESTION

EFFECTS OF OVEREXPOSURE

Based on the available animal toxicity information, it is anticipated that this material will cause mild or no skin or eye irritation upon direct or prolonged contact. No human overexposure data is available for this material.

OVEREXPOSURE MAY AGGRAVATE EXISTING CONDITIONS:

No effects indicated.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush eyes with plenty of water for several minutes. Seek medical attention if irritation develops.

Skin: Wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops.

Ingestion: If swallowed, give 3-4 glasses of milk (if unavailable, give water), but DO NOT induce vomiting. If vomiting does occur, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

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

CHEMICALS LISTED AS CARCINOGEN BY: (YES OR NO)

NATIONAL TOXICOLOGY PROGRAM - No

I.A.R.C. MONOGRAPHS - No

OSHA - No

******* V - REACTIVITY INFORMATION *******

STABILITY: STABLE X CONDITIONS TO AVOID

UNSTABLE None known

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may produce toxic vapors/fumes of amines and other organic materials, and oxides of carbon and nitrogen.

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID

MAY WILL NOT X None known

OCCUR OCCUR

INCOMPATIBILITY (MATERIALS TO AVOID)

WATER OTHER None known

******* VI - SPILL AND DISPOSAL INFORMATION *******

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Caution! Floors may become slippery. Wear appropriate protective equipment and NIOSH/MSHA approved respirator where mist or vapors of unknown concentrations may be generated (self-contained breathing apparatus preferred).

Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

WASTE DISPOSAL METHODS

Dispose of in compliance with all Federal, state and local laws and regulations. Incineration is the preferred method.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

******* VII - PERSONAL PROTECTION INFORMATION *******

VENTILATION TYPE

In processes where mists or vapors may be generated, proper ventilation must be provided in accordance with good ventilation practices.

RESPIRATORY PROTECTION

The information provided herein is compiled from internal reports and data from professional publications. IT IS FURNISHED WITHOUT WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. It is intended to assist in evaluating the suitability and proper use of the material in manufacturing and in the development and implementation of safety precautions and procedures.

Where mist or vapors are generated by the process, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental controls.

PROTECTIVE GLOVES

Rubber or neoprene, when needed, to prevent skin contact.

EYE PROTECTION

Wear chemical splash goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions.

OTHER PROTECTIVE EQUIPMENT

Eye wash; safety shower; protective clothing (long sleeves, coveralls or other, as appropriate), when needed, to prevent skin contact.

******* VIII - STORAGE AND HANDLING *******

PRECAUTIONS FOR STORAGE AND HANDLING:

Store at temperatures below 140°F. Keep containers closed until used.

Do not contaminate drinking water, food or feed by storage or disposal.

***** IX - TOXICITY INFORMATION *****

The information below is for Lonza Formulation S-21 diluted 1:64 (2 oz./gal), which is equivalent to Lonza Formulation DC-103.

- eye irritation (rabbit): non-irritant (primary irritation index = 0.0)
- skin irritation (rabbit): non-irritant (primary irritation index = 0.0)

***** X - MISCELLANEOUS AND REGULATORY INFORMATION *****

FEDERAL LEVEL REGULATIONS:

This is an EPA registered pesticide (EPA Registration No. 6836-152).

TOXIC SUBSTANCES CONTROL ACT (TSCA INVENTORY) STATUS:

Found on U.S. EPA TSCA inventory.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act of 1980 requires notification of the National Response Center

(Telephone 1 -800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs) listed in

40 CFR 302.4:

Typical Maximum

Chemical Name CAS Number Concentration

None known

SARA Title III, Sections 302/304 (Superfund Amendments and Reauthorization act of 1986) - This act requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and release Reportable Quantities (RQs) listed for the Components in 40 CFR 355:

Typical Maximum

Chemical Name CAS Number Concentration

None known

SARA Title III Sections 311/312 - This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in 40 CFR 370:

Hazard *)

Chemical Name CAS Number Categories

None known

*) The five hazard categories are as follows: F=FIRE HAZARD; S= SUDDEN RELEASE OF PRESSURE; R=REACTIVE; A=IMMEDIATE (ACUTE) HEALTH HAZARD; C=DELAYED (CHRONIC) HEALTH HAZARD

***** X - MISCELLANEOUS AND REGULATORY INFORMATION (continued) *****

FEDERAL LEVEL REGULATIONS (continued):

SARA Title 313 - This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

Typical Maximum

Chemical Name CAS Number Concentration

None known

STATE RIGHT-TO-KNOW REGULATIONS:

CALIFORNIA PROPOSITION 65 - Components present in this material which the State of California has found to cause cancer, birth defects or other reproductive harm are as follows:

Typical Maximum

Chemical Name CAS Number Concentration

Acetaldehyde 75-07-0 4 ppb

Benzene 71-43-2 100 ppb

Benzyl chloride 100-44-7 200 ppb

1,4-Dioxane 123-91-1 4 ppb

Ethylene oxide 75-21-8 <1 ppb

N-Nitrosodimethylamine 62-75-9 1 ppb

Propylene oxide 75-56-9 20 ppb

Toluene 108-88-3 100 ppb

MASSACHUSETTS Right-to-Know - The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels:

Typical Maximum

Chemical Name CAS Number Concentration

None known

MICHIGAN Critical Materials - The following components of this material are included

in the Michigan Critical Materials List:

Chemical Name CAS Number

None known

NEW JERSEY Right-to-Know - The following components of this material are included in the New Jersey Hazardous Substance List and are present at or above reportable levels:

Typical Maximum

Chemical Name CAS Number Concentration

None known

***** X - MISCELLANEOUS AND REGULATORY INFORMATION (continued) *****

STATE RIGHT-TO-KNOW REGULATIONS (continued):

PENNSYLVANIA Right-to-Know - The following components of this material are included in the Pennsylvania Hazardous Substance List and are present at or above reportable levels:

Typical Maximum

Chemical Name CAS Number Concentration

None known