

Material Safety Data Sheet

SUNLIGHT® Dishwashing Liquid, Regular Strength – All Variants

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16-027-016

SECTION #1 – PRODUCT AND COMPANY IDENTIFICATION

Product: SUNLIGHT® Dishwashing Liquid, Regular Strength – All Variants

Phoenix Brands
2855 N. Franklin Rd., #7
Indianapolis, Indiana 46219 USA

Consumer Service Telephone Number: 1-866-794-0800
Emergency Contact: PROSAR IPC
Emergency Phone Number: 1-866-794-0800

Product Description: A water-soluble hand dishwashing liquid.

SECTION #2 – COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENTS: Contains cleaning and sudsing agents. Sunlight® Dishwashing liquid is biodegradable and contains no phosphorous.

CHEMICAL NAME	CAS #	<u>EXPOSURE LIMITS IN AIR*</u>			
		ACGIH		OSHA	
		TLV	STEL	PEL	STEL
		mg/m ³	mg/m ³	mg/m ³	mg/m ³
Sodium alkyl benzene sulfonate	68411-30-3	NA	NA	NA	NA
Ammonium alcohol ethoxysulfate	67762-19-0	NA	NA	NA	NA

NA = Not Applicable

See Section #16 for DEFINITION OF TERMS

SECTION #3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION: Keep out of reach of children. Do not mix with chlorine bleach or other household cleaning products. If product contacts eye, rinse thoroughly with water. If swallowed, drink a glass of water to dilute. Material may be slippery if spilled.

Route of Exposure - Inhalation

While inhalation of a product mist is unlikely, such exposure may cause transient upper respiratory irritation.

Route of Exposure - Skin

No irritation when used according to directions. Possible irritation from prolonged contact to industrial amounts.

Route of Exposure - Eyes

May cause mild irritation and discomfort.

Route of Exposure - Ingestion

May cause gastrointestinal irritation with nausea, vomiting and delayed diarrhea.

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SECTION #4 – FIRST AID MEASURES

First Aid - Inhalation

Give the subject access to fresh air. If symptoms do not resolve quickly, seek medical assistance.

First Aid - Skin

Rinse with water. If skin irritation occurs in use, seek medical assistance.

First Aid - Eyes

Flush affected areas with water for at least 15 minutes. Seek medical assistance if required.

First Aid - Ingestion

Do Not induce vomiting. Drink a glass of milk or water and seek medical attention.

Note: If symptoms persist, seek medical attention.

SECTION #5 – FIRE FIGHTING MEASURES

Flash Point: No flash to 200°F (93°C) Autoignition Temperature: Not applicable
Flammable Limits (in air, by volume %): Not applicable

Fire and Explosion Hazards

Product is not flammable. Use appropriate fire extinguishing agent for the packaging material.

Extinguishing Media

Water Spray: Yes Carbon Dioxide: Yes Foam: Yes
Dry Chemical: Yes Halon: Yes

Special Fire Fighting Instructions

None. Product is not combustible. Use appropriate fire extinguishing agent for the packaging material.

SECTION #6 – ACCIDENTAL RELEASE MEASURES

Steps to be Taken in The Event of Spills, Leaks, or Release

Disposal is to be performed in compliance with applicable laws. Small or household quantities may be disposed of in refuse or sewer. Product contains biodegradable ingredients. Contains no phosphorus. For large (industrial) releases, prevent spill from entering a waterway. Absorbent materials may be used. Material may be slippery if spilled. This product is stable at room temperature.

Waste Disposal Methods

Dispose of unused containers of product in accordance with applicable Federal, State/Provincial, and local regulations.

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SECTION #7 – HANDLING AND STORAGE

Work Practices and Hygiene Practices:

Use personal protective equipment appropriate for the task.

Storing and Handling Practices:

None required with normal use.

Protective Practices During Maintenance Or Contaminated Equipment:

Use personal protective equipment when contact is likely.

SECTION #8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation

Use with adequate ventilation. Mechanical ventilation is not required under normal conditions of use.

Eye Protection

Wear eye protection.

Skin Protection

Skin protection is not normally required. If gloves are desired for protection against irritation, water-impervious types (e.g. rubber, PVA, or nitrile) are recommended.

Respiratory Protection

Respiratory protection is not normally required. If this product is used in a manner that generates airborne mist not controlled by ventilation, wear a NIOSH-approved respirator with filters for protection against dusts (type N95 or better). For guidance on the selection and use of respiratory protection, consult American National Standard Z88.2-1992 (ANSI, New York, NY 10036 USA).

SECTION #9 – PHYSICAL AND CHEMICAL PROPERTIES

Solubility (H₂O): Soluble

Boiling Point: >100°C

Evaporation Rate (water=1): 1

Viscosity: 200-500 cps

Vapor Pressure, mm Hg @ 20°C: Approximately 18

Melting Point: <0°C

Vapor Density: not applicable

pH (1% solution): 6.0 – 7.0 (as is)

Specific gravity: 1.03 – 1.04

Appearance: This liquid is a pleasant smelling, yellow, green or white solution.

SECTION #10 – STABILITY AND REACTIVITY

Conditions to Avoid

Do not use in automatic dishwashers.

This product is stable when maintained at room temperature.

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SECTION #10 – STABILITY AND REACTIVITY CONTINUED...

Incompatible Materials

Avoid contact with chlorine bleach or other household cleaning products.

Hazardous Decomposition Products

Hazardous polymerization will not occur.

SECTION #11 – TOXICOLOGICAL INFORMATION

No data available.

SECTION #12 – ECOLOGICAL INFORMATION

No data available.

The product is not expected to present an environmental hazard.

SECTION #13 – DISPOSAL CONSIDERATIONS

Dispose of unused containers of product in accordance with applicable Federal, State/Provincial, and local regulations. Empty containers should be triple rinsed before disposal.

SECTION #14 – TRANSPORTATION INFORMATION

THIS MATERIAL IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Not applicable.

HAZARD CLASS NUMBER and DESCRIPTION: Not applicable.

UN IDENTIFICATION NUMBER: Not applicable.

PACKING GROUP: Not applicable.

DOT LABEL(S) REQUIRED: Not applicable.

EMERGENCY RESPONSE GUIDE NUMBER: Not applicable.

MARINE POLLUTANT: Not applicable.

CANADIAN TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: THIS MATERIAL IS NOT CLASSIFIED “DANGEROUS GOODS”

SECTION #15 – REGULATORY INFORMATION

None.

SECTION #16 – OTHER INFORMATION – DEFINITION OF TERMS

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A large number of abbreviations and acronyms appear on a MSDS. Some of these which are commonly used include the following: CAS #: This is the Chemical Abstract Service Number which uniquely identifies each constituent. It is used for computer-related searching. EXPOSURE LIMITS IN AIR: ACGIH – American Conference of Governmental Industrial Hygienists, a professional association which establishes exposure limits. TLV – Threshold Limit Value – an airborne concentration of a substance which represents conditions under which it is generally believed that nearly all workers may be repeatedly exposed without adverse effect. The duration must be considered, including the 8-hour Time Weighted Average (TWA), the 15-minute Short Term Exposure Limit (STEL), and the instantaneous Ceiling Limit. Skin adsorption effects must also be considered.

OSHA – U. S. Occupational Safety and Health Administration. PEL – Permissible Exposure Limit – this exposure value means exactly the same as a TLV, except that it is enforceable by OSHA. NIOSH is the National Institute of Occupational Safety and Health, which is the research arm of the U.S. Occupational Safety and Health Administration (OSHA). NIOSH issues exposure guidelines called Recommended Exposure Levels (RELs).

FLAMMABILITY LIMITS IN AIR: Much of the information related to fire and explosion is derived from the National Fire Protection Association (NFPA). LEL – the lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source. UEL – the highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source.

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