Phoenix Brands
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Emergency Phone Number: 1-866-794-0800

SECTION #1 – IDENTIFICATION

Product: ULTRA SUNLIGHT® Concentrated Dishwashing Liquid – All Variants

General Use: A consumer hand dishwashing liquid.

SECTION #2 – COMPOSITION and INFORMATION ON INGREDIENTS

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

		EXPOSURE LIMITS IN AIR*			
		ACGIH		OSHA	
CHEMICAL NAME	**CAS #**	**TLV** mg/m3	**STEL** mg/m3	**PEL** mg/m3	**STEL** mg/m3
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 12 for DEFINITION OF TERMS

SECTION #3 – HAZARD 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.

POTENTIAL HEALTH EFFECTS:

CONTACT WITH EYES: May cause mild irritation and discomfort.

CONTACT WITH SKIN: No irritation when used according to directions. Possible irritation from prolonged to industrial amounts.

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

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

CHRONIC HEALTH EFFECTS: None expected.

SECTION #4 – FIRST-AID MEASURES

EYE EXPOSURE: Flush with water for 15 minutes.
SKIN EXPOSURE: Rinse with water.
INGESTION: Do not induce vomiting. Drink a glass of milk or water.
INHALATION: Move individual to fresh air.
Note: If symptoms persist, seek medical attention.

SECTION #5 – FIRE-FIGHTING MEASURES

FLASH POINT: No flash to 200°F.
AUTOIGNITION TEMPERATURE: Not applicable.
FLAMMABLE LIMITS (in air, by volume %): Not applicable.
FIRE EXTINGUISHING MATERIALS: Not applicable.
Water Spray: Yes Carbon Dioxide: Yes Foam: Yes
Dry Chemical: Yes Halon: Yes

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product is not combustible. Use appropriate fire extinguishing agent for the packaging material.

SPECIAL FIRE FIGHTING PROCEDURES: None.

SECTION #6 – ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: 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.

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 AND ENGINEERING CONTROLS: Use with adequate ventilation. Mechanical ventilation not required during normal operations.
EYE PROTECTION: Wear safety glasses.
HAND PROTECTION: Wear rubber gloves for prolonged contact.
BODY PROTECTION: None required.

SECTION #9 – PHYSICAL and CHEMICAL PROPERTIES

VAPOR DENSITY: Not applicable.

EVAPORATION RATE (water=1): 1

SPECIFIC GRAVITY: 1.03 – 1.04

MELTING POINT: <0°C

SOLUBILITY IN WATER: Soluble.

BOILING POINT: >100°C

VAPOR PRESSURE, mm Hg @ 20°C: Approximately 18

pH (1% solution): 6.0 – 7.0 (as is)

VISCOSITY: 200-500 cps

APPEARANCE AND COLOR: This liquid is a pleasant smelling, yellow, green or white solution.

SECTION #10 – STABILITY and REACTIVITY

STABILITY: Stable.
DECOMPOSITION PRODUCTS: None.
MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Do not mix with chlorine bleach or other household cleaning products.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Do not use in automatic dishwashers.

SECTION #11 – 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 #12 - DEFINITION OF TERMS

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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