

Material Safety Data Sheet

SUNLIGHT® OxiAction Machine Dishwasher Detergent Powder with Rinse Aid
– Regular Strength

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16-027-018

SECTION #1 – PRODUCT AND COMPANY IDENTIFICATION

Product: SUNLIGHT® OxiAction Machine Dishwasher Detergent Powder with Rinse Aid –
Regular Strength

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 machine dishwasher detergent.

SECTION #2 – COMPOSITION, INFORMATION ON INGREDIENTS

This Sunlight® formula averages not more than 4.5% phosphorus in the form of phosphates, which is equivalent to 1.4 grams per 2 tablespoon use.

CHEMICAL NAME	CAS #	ACGIH		<u>EXPOSURE LIMITS IN AIR*</u>	
		TLV mg/m3	STEL mg/m3	OSHA PEL mg/m3	STEL mg/m3
Sodium carbonate	497-19-8	NA	NA	NA	NA
Sodium tripolyphosphate	13573-18-7	NA	NA	NA	NA
Sodium sulfate	7757-82-6	NA	NA	NA	NA
Sodium silicate	1344-09-8	NA	NA	NA	NA
Octyl/decyl alcohol, ethoxylated	68603-25-8	NA	NA	NA	NA
Sodium dichloroisocyanurate, dihydrate	51580-86-0	NA	NA	NA	NA
Decylamine Oxide	2605-79-0	NA	NA	NA	NA

NA = Not Applicable

See Section #16 for DEFINITION OF TERMS

SECTION #3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION: Eye Irritant. Harmful if Swallowed. Contains chlorine, sodium carbonate and sodium silicate. Keep Out of Reach of Children.

Route of Exposure - Inhalation

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

Route of Exposure - Skin

May cause skin irritation, especially from prolonged contact or industrial contact.

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SECTION #3 – HAZARDS IDENTIFICATION CONTINUED...

Route of Exposure - Eyes

Eye irritant.

Route of Exposure - Ingestion

Harmful if swallowed.

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

Rinse mouth. Drink a glass of milk or water and seek medical attention. Do Not induce vomiting unless directed by a physician.

Note: If symptoms persist, seek medical attention.

SECTION #5 – FIRE FIGHTING MEASURES

Flash Point: Not applicable 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.

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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.

Waste Disposal Methods

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

SECTION #7 – HANDLING AND STORAGE

Work Practices and Hygiene Practices:

Use personal protective equipment appropriate for the task.

Storing and Handling Practices:

Store in a cool, dry place. Use within a few months of purchase. Do not mix with acids or other products as irritating fumes may result.

Protective Practices During Maintenance Or Contaminated Equipment:

Use personal protective equipment when contact with the product dust 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

Wear gloves for prolonged contact. 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).

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SECTION #9 – PHYSICAL AND CHEMICAL PROPERTIES

Solubility (H₂O): Completely miscible
Boiling Point: Not determined
Vapor Density: not applicable
Specific gravity: 1.04
Vapor Pressure, mm Hg @ 20°C: Not applicable
Melting Point: Not determined
pH (10% solution): 11.5
Evaporation Rate (water=1): Not determined
Appearance: This product is an off-white granular powder.

SECTION #10 – STABILITY AND REACTIVITY

Conditions to Avoid

Contains an oxidizing chlorine compound. Avoid contact with clothing, acids, ammonia containing compounds.

Incompatible Materials

Acids, ammonia containing compounds.

Hazardous Decomposition Products

Chlorine. 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.

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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

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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