

# NATIVE GREEN<sup>®</sup>

Food Services and Environmental Health Solutions

## Solid Machine Dish Detergent

Environmentally Preferred Solid Mechanical Dishwashing Detergent



### Description

This product utilizes the latest ingredients that are less hazardous to environment without sacrificing performance. This solid contains no hydroxides, phosphates (STPP), chlorine or nitrilotriacetate (NTA). Solid Mechanical Detergent rinses quickly and is suited for use with newer, short-cycle dish machines. Provides excellent scale inhibiting properties. Can be used in both low temperature and high temperature dish washing applications. Safe for use on all surfaces! Approved by the EPA's Design For the Environment Program (DfE).

### Directions

Remove cap from container. Invert canister so that open surface is pointing downward into dispenser. Do not get product on hands or into eyes. Turn machine on so that water will feed the dispenser unit and dissolve product into the dish washing machine. Water feeding the dispenser unit should not exceed 140°F.

Maximum results are obtained when wash temperature is maintained at 145-155°F. If water temperatures are too low, fat soils are not softened and cleaning efficiency will decrease. If water is too hot, soils may become flash dried to the kitchenware, thus making it more difficult to remove.

### Areas of Utilization

- Restaurants • Food Processing • Bars • Dairies • Laundries

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### Native Green Environmentally Preferable Food Services Cleaners



Solid Machine Dish Detergent  
Dishwasher Liquid Rinse Additive  
Dish Machine Delimer  
Solid Flatware Pre-Soak  
Solid Manual Dishwashing Soap  
Food Service Sanitizer



**GSA** Contract Holder  
Contract GS -07F-0490V

# Material Safety Data Sheet

## Manufacturer:

NATIVE GREEN LLC  
2110 EAST WALTON BLVD.  
AUBURN HILLS, MI 48326  
PHONE: (888) 456-6444

24 Hour Chemical Emergency for: Spill - Leak - Fire - Accident - Exposure  
CHEMTREC: (800) 424-9300 / Int'l: (703) 527-3887 (collect calls accepted)  
**Reference information – Product ID Code: 4583 / Company Code: A814**

Product Name: **SOLID MACHINE DISH DETERGENT**

ID Code: **4583**

Prepared By: W. Drost, Jr.

Date: January 1, 2009

CHEMICAL FAMILY: Alkaline Detergent

FORMULA: Proprietary

HAZARDOUS INGREDIENTS (CAS #):	%	Exposure Limits, ppm
		ACGIH TLV OSHA-PEL

None

SARA TITLE III, SECTION 313 REPORTABLE INGREDIENTS: None.

Carcinogenic Ingredients: Contains no known or suspected carcinogens.

## PHYSICAL PROPERTIES:

Boiling Point: >212°F

% Volatile: <35%

Solubility in Water: > 20%.

Vapor Pressure: N/A.

Specific Gravity: Liquid (H<sub>2</sub>O = 1): N/A.

Vapor Density (Air = 1): N/A.

pH (at use dilution): 11.1

Appearance and Odor: White solid with no apparent odor.

## FIRE AND EXPLOSION DATA:

Flash Point: None.

Flammability Limits: N/A.

Extinguishing Media: Water, CO<sub>2</sub>, foam, dry chemical.

Special Fire Fighting Procedures: Chlorine gas may be liberated upon contact with water.

Unusual Hazards: None.

## HEALTH EFFECTS:

**Threshold Limit Value: Not determined for this product.**

**Primary routes of entry:** Eye and skin contact.

### Effects of overexposure:

**Skin Contact:** May cause skin irritation

**Ingestion:** If swallowed, call a physician immediately. Do not induce vomiting unless instructed by a physician. See note in First Aid.

**Eye Contact:** May produce severe irritation

**Inhalation:** Inhalation of dust may produce respiratory tract irritation.

### Chronic effects of overexposure:

None known or expected.

### Medical conditions that may be aggravated by exposure:

None known or expected.

## EMERGENCY AND FIRST AID PROCEDURES:

**Eye Contact:** In case of eye contact, immediately flush with clear water for at least 15 minutes lifting eye lids periodically. Rinse eyes with a boric acid solution. Get medical attention immediately.

**Skin Contact:** Flush with clear water for at least 15 minutes. Then wash with a mild soap followed with a moisturizing cream. If irritation results and persists, get medical attention.

**Ingestion:** If conscious, administer large quantities of water. Do not induce vomiting. Do not administer anything by mouth to a person that is unconscious. GET MEDICAL ATTENTION IMMEDIATELY. Note: The decision of whether to induce vomiting or not should be made by a physician.

**Inhalation:** Remove victim to fresh air. If breathing does not return to normal within a few minutes, get medical attention.

## REACTIVITY DATA:

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Acids.

Hazardous Decomposition Products: None.

Conditions to Avoid: None.

## SPILL OR LEAKAGE PROCEDURES:

Steps to be taken if material is released or spilled: Stop spill at source. Floors may become slippery, avoid falls. Shovel into salvage drum. Disposal must be in accordance with local, state and federal regulations.

## SPECIAL PROTECTION INFORMATION:

Ventilation: No special ventilation required.

Respiration Protection: None required under normal use.

Eye Protection: Wear when transferring this product.

Protective Gloves: Wear when transferring this product.

Other Protective Equipment: Wear protective apron when transferring this product.

## SPECIAL PRECAUTIONS:

Precautions to be taken in handling and storage: Store in closed container in a dry place.

Wash thoroughly after handling.

KEEP OUT OF REACH OF CHILDREN.

Other precautions: None.

## HAZARD RATING:

Health:	2	0 = Minimal	3 = Serious
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Fire:	0	1 = Slight	4 = Severe
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Reactivity:	1	2 = Moderate	
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Specific Hazard: Non-Corrosive

## SHIPPING INFORMATION (DOT/UN Classification) 95

COMPOUND, CLEANING, DRY

Disclaimer: The information contained in this Material Safety Data Sheet is provided pursuant to 29CFR 1910.1200 to convey information concerning the hazardous nature of the named product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard exposure under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all directions and warnings on the product label be read and closely followed.