

# NATIVE GREEN®

Food Services and Environmental Health Solutions

## Dish Machine Delimer

Environmentally Preferred Lime Scale Remover



### Description

This product utilizes the latest ingredients that are less hazardous to environment without sacrificing performance. Designed to rid the dishmachine of scale and lime formations due to hard water precipitates. This balanced product works quickly to brighten internal surfaces and leave them sparkling. Contains special surfactants that degrease internal surfaces of machine. Approved by the EPA's Design For the Environment Program (DfE).

### Directions

Drain, flush, and clean out dish machine. Pull screens and flush to clean. Disconnect dispensing equipment to prevent the addition of detergent during descaling operation. Close drain of dishmachine. Add 1 ounce of delimer per gallon of water capacity for the dishmachine. Fill machine to normal operating level with hot water. Run machine in manual mode for up to 5 minutes. Check to see if lime scale is being removed. If this is an initial treatment or there is a severe lime problem, increase the amount of delimer being used. Drain dishmachine and flush thoroughly with clear water. Fill dishmachine and run through a normal operating cycle. Drain and flush again. Engage the dispensing equipment. **DO NOT USE WITH OR STORE NEAR CHLORINE BLEACH.**

### Areas of Utilization

• Restaurants • Food Processing • Bars • Cafeterias

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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



# 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: 4658 / Company Code: A814

Product Name: **DISH MACHINE DELIMER**

ID Code: **4658**

Prepared By: W. Drost, Jr.

Date: January 1, 2009

CHEMICAL FAMILY: Rinse Aid

FORMULA: Proprietary

## HAZARDOUS INGREDIENTS (CAS #):

	%	Exposure Limits, ppm	
		ACGIH TLV	OSHA-PEL
Citric Acid (5949-29-1)	<15	N/A	N/A

SARA TITLE III, SECTION 313 REPORTABLE INGREDIENTS: None.

Carcinogenic Ingredients: Contains no known or suspected carcinogens.

## PHYSICAL PROPERTIES:

Boiling Point: 221°F. % Volatile: 80.  
Solubility in Water: Complete. Vapor Pressure: Less than water.  
Specific Gravity: Liquid (H<sub>2</sub>O = 1): 1.05. Vapor Density (Air = 1): N/A.  
Appearance and Odor: Clear, tan liquid with no 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: Cool drums with water mist.  
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: Skin contact can produce 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: Can produce burning and irritation.  
Inhalation: Inhalation of mist and vapor 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 followed with milk of magnesia, milk or olive oil. 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: Chlorine.

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. For large spills, pump liquid into salvage tank. For smaller spills, absorb on sand, earth or other suitable absorbent. 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:	1	0 = Minimal	3 = Serious
Fire:	0	1 = Slight	4 = Severe
Reactivity:	2	2 = Moderate	

Specific Hazard: Corrosive

## SHIPPING INFORMATION (DOT/UN Classification) 90 COMPOUND, CLEANING, LIQUID

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.