



HEAVY DUTY DISH MACHINE RINSE ADDITIVE

FOOD SERVICE PRODUCTS

DESCRIPTION: Brilliant's Heavy Duty Dish Machine Rinse Additive is a concentrated hard water rinse additive designed for use where hard water is a problem. Its blend of acids and wetting agents combine to allow peak efficiency of any warewash equipment. Heavy Duty Dish Machine Rinse Additive prevents spotting and streaking while inhibited to prevent damage to dispensing equipment. Proper use will prevent build-up of lime scale.

DIRECTIONS:

- Heavy Duty Dish Machine Rinse Additive should be used at the lowest setting possible to achieve desired results.
- Proper determination of water hardness for use area is critical for product to work efficiently. As a general rule, 1 – 2 ounces per 10 gallons of water.
- Rinse water should be maintained at 180° F. Water must be hot for drying agent to work properly.
- Dispensing pump should be regularly maintained and checked for proper rate of delivery. Dispensing tube should be clear of obstructions.
- Concentration will depend on water hardness, water solids, detergent used (we recommend Brilliant's Automatic Liquid Dish Machine Detergent or Chlorinated Dish Machine Detergent for best results), and rinse-arm pressure.

PACKAGING:

SIZE

4/1 gallon case
5 gallon pail

CATALOG

64100404
64100405

PRODUCT SPECIFICATIONS

Appearance:	Clear Liquid
Color:	Blue
Odor:	Bland
pH:	1 - 2
Specific Gravity:	1.020 - 1.050
Viscosity:	5—30

ISO 9001:2000 Certified
Certificate No. 2049



EAGLE Registrations Inc.
SERVICE • INTEGRITY • VALUE

BRILLIANT PRODUCTS
P. O. Box 1425 Avon Park, FL 33826
Phone: 813-890-6594 Fax: 813-890-2101



CONTROLLED

Issue Date: 05/15/08
Form PB641004B, Rev (E)

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

Prepared By: D. Wilson

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: HEAVY DUTY DISH MACHINE RINSE ADDITIVE
Generic Name: Rinse Additive
Product Group: Food Service Product

Manufacturer's Name: BRILLIANT PRODUCTS
P.O. BOX 1425
AVON PARK, FL 33826
Phone #: (813)-890-6594

SECTION 2- INGREDIENT INFORMATION

CHEMICAL NAME	CAS #	WT %	PEL	TWA-TLV	STEL-TLV
Amiotri (methylenephosphonic acid)	6419-19-8	N.A.	N.A.	N.A.	N.A.
Polyoxyalkylene Glycol Poly Ester Polyol	9003-11-6	N.A.	N.A.	N.A.	N.A.

No Components, in excess of 0.1% by weight are listed as carcinogens by IARC, NTP or OSHA

SECTION 3- PHYSICAL DATA

Boiling Point: 212° F
Vapor Pressure: 17 mm @ 20°C
% Volatile: 68
Solubility in Water: complete
Physical Description: clear blue liquid, bland odor

Specific Gravity: 1.020 – 1.050
Vapor Density (Air=1): >1.1
pH: 1 – 2
Evaporation Rate (Water=1): >1

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: non-flammable
Extinguishing Media: product will not burn
Special Firefighting Procedures: Keep drums cool; product is corrosive
Unusual Fire and Explosion Hazards: n/a
Upper Explosion Limits: N.A.
Lower Explosion Limits: N.A.

SECTION 5- REACTIVITY DATA

Stability: Stable
Hazard Decomposition Products: heat may yield CO, CO₂

Hazardous Polymerization: Will not occur
Incompatibility (Materials to Avoid): Strong alkalis

SECTION 6- STORAGE AND HANDLING INFORMATION

Keep container closed when not in use. Protect container from abuse. Protect from extreme temperatures.

SECTION 7- HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Skin: None expected, however prolonged contact may cause irritation
Eyes: Contact may cause irritation.
Inhalation: Breathind concentrated vapors may cause slight irritation of respiratory tract.
Ingestion: May cause gastric distress, vomiting and diarrhea.
First Aid Procedures
Skin: Remove contaminated clothing; wash area with clean water. If irritation persists, seek medical attention.
Eyes: Immediately flush for 15 minutes with water; if irritation persists, seek medical attention immediately.
Inhalation: Remove to fresh air; wash mouth and nasal passages with water; if breathing difficulties persists, seek medical attention.
Ingestion: DO NOT induce vomiting; drink 2 glasses of water, get medical attention immediately.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required.
Ventilation Requirements: Required.
Protective Gloves: Neoprene or rubber.
Eye Protection: Goggles with side shields.
Other Protective Equipment: Safety eye bath nearby.

SECTION 9- SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Small spills – wash to sanitary sewer with plenty of water. Large spills – confine spill with approved absorbent; shovel product into approved container.
Waste Disposal: Dispose of in accordance with local, state and federal regulations.

SECTION 10- REGULATORY INFORMATION

SARA Title III – Section 311/312 – Hazard: (Y/N): N
Fire: N
Sudden Release of Pressure: N
Reactivity: Strong alkalis.
Acute (IMMEDIATE) Health Hazard: Possible irritation and discomfort.
Chronic (DELAYED) Health Hazard: None known.
Other: May aggravate pre-existing skin, eye or respiratory conditions with long term exposure.

Shipping Information:
NAME: Compounds, Cleaning Liquid
HAZARD CLASS: 8
REFERENCE: 49 CFR 172.101
ID#: NA1760
LABEL: Corrosive

HMIS Hazardous Material Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	C

For **emergency** and **medical** help line, call **INFOTRAC** at **1-800-535-5053**, 24 hours a day, 7 days a week for information on all our products and/or MSDS. Obtain an MSDS at www.pride-enterprises.org/MSDS/menu.htm or call customer service at **(813)-890-6594**.

SECTION 11- OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts No responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept NO liability for damages or loss incurred from the improper handling and use of this product.