

**MATERIAL SAFETY DATA SHEET**

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements

**U.S. DEPARTMENT OF LABOR**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

BRADY HARD SURFACE RINSE AGENT

**SECTION I**

Distributed by:

BRADY INDUSTRIES, INC.

Emergency Telephone Number

(800) 424-9300

Address (Number, Street, City, State &amp; ZIP Code) Telephone Number for Information

4175 SOUTH ARVILLE

(702) 876-3990

Date Prepared

LAS VEGAS, NEVADA 89103 920500

5/12/2003 Supercedes 2/21/02

Signature of Preparer (optional)

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended Other Limits	% (optional)
ORTHOPHOSPHORIC ACID CAS #7664-38-2	1mg/M <sup>3</sup>	1mg/M <sup>3</sup>	NONE	>1%

DOT CLASS:

PHOSPHORIC ACID

8, UN1805, PGIII

CORROSIVE LIQUID

**HAZARD RATING:****4-EXTREME****3-HIGH****2-MODERATE****1-SLIGHT****0-INSIGNIFICANT****HEALTH = 1****FIRE = 0****REACTIVITY = 0****SPECIFIC HAZARDS = N/A****SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point

212°F

Specific Gravity (H<sub>2</sub>O = 1)

1.03

Vapor Pressure (mm Hg)

N/A

Melting Point

30°F

\_Vapor Density

N/A

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water

pH

COMPLETELY SOLUBLE IN WATER

1.0

Appearance and Odor

COLORLESS LIQUID WITH NO NOTICEABLE ODOR.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used)

NOT FLAMMABLE

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

USE MEDIA APPROPRIATE FOR THE SURROUNDING FIRE

\_Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT AND COVER ALL EXPOSED SKIN. WHEN STRONGLY

Unusual Fire and Explosion Hazards

EXCESSIVE HEAT CAN PRODUCE ACIDIC FUMES

(Reproduce locally)

OSHA 174, Sept. 1985

SECTION V - REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	XXX
		HEAT AND STRONG AKALI

Incompatibility (Materials to Avoid)  
CAUSTIC ALKALI SUCH AS CAUSTIC SODA, CAUSTIC POTASH, AND SULFIDES CYANIDE

Hazardous Decomposition or Byproducts  
CARBON DIOXIDE AND CARBON MONOXIDE

Hazardous	May Occur	Conditions to Avoid
Polymerization	Will Not Occur	XXX
		NONE

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	NO	YES	YES

Health Hazards (Acute and Chronic)  
THIS IS A STRONG ACID PRODUCT AND IS CORROSIVE TO TISSUE

Emergency and First Aid Procedures

EYES: FLUSH WITH WATER FOR 15 MINUTES AND GET IMMEDIATE MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS

INHALATION: REMOVE PATIENT TO FRESH AIR.

INGESTION: DO NOT INDUCE VOMITING. HAVE PATIENT DRINK LARGE AMOUNT OF WATER OR MILK OR MAGNESIA IF POSSIBLE. OBTAIN IMMEDIATE MEDICAL ATTENTION.

NOTE: DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled  
NEUTRALIZE WITH SODA ASH. SOAK UP WITH ABSORBANT MATERIAL AND PLACE IN D.O.T. APPROVED DISPOSAL CONTAINER. DIKE IF NECESSARY TO KEEP SPILL FROM ENTERING SEWERS

Waste Disposal Method  
CONTACT STATE AND LOCAL AUTHORITIES FOR DETAILS.

Precautions to Be Taken in Handling and Storing  
STORE IN A COOL DRY AREA FROM ALKALIS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

OTHER Precautions  
KEEP OUT OF REACH OF CHILDREN

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type)  
NONE REQUIRED IF GOOD VENTILATION IS AVAILABLE

Ventilation	Local Exhaust	Special
-------------	---------------	---------

IF AVAILABLE

NONE

Mechanical (General)

Other

IF AVAILABLE

NONE

Protective Gloves

RUBBER OR PLASTIC GLOVES

Eye Protection

GOGGLES, GLASSES, OR FACE SHIELD

Other Protective Clothing or Equipment

RUBBER APRON AND BOOTS

Work/Hygienic Practices

USE CARE AND COMMON SENSE