

**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:	Emergency Telephone Number
BRADY INDUSTRIES, INC.	(800) 424-9300
Address (Number, Street, City, State & ZIP Code)	Telephone Number for Information
4175 SOUTH ARVILLE	(702) 876-3990
LAS VEGAS, NEVADA 89103	Date Prepared
	2/22/2002 Supersedes 07/02/2001
	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

<b>HAZARD RATING:</b>	<b>HEALTH</b>	<b>=</b>	<b>1</b>
<b>4-EXTREME</b>	<b>FIRE</b>	<b>=</b>	<b>0</b>
<b>3-HIGH</b>	<b>REACTIVITY</b>	<b>=</b>	<b>0</b>
<b>2-MODERATE</b>	<b>SPECIFIC HAZARDS</b>	<b>=</b>	<b>N/A</b>
<b>1-SLIGHT</b>			
<b>0-INSIGNIFICANT</b>			

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point	Specific Gravity (H2O = 1)
212°F	1.03
Vapor Pressure (mm Hg)	Melting Point
N/A	30°F
Vapor Density	Evaporation Rate (Butyl Acetate = 1)
N/A	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)	Flammable Limits	LEL	UEL
NOT FLAMMABLE	N/A	N/A	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

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## SECTION V - REACTIVITY DATA

<b>Stability</b>	Unstable	Conditions to Avoid
	Stable	XXX HEAT AND STRONG ALKALI

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Incompatibility (Materials to Avoid)

CAUSTIC ALKALI SUCH AS CAUSTIC SODA, CAUSTIC POTASH, AND SULFIDES CYANIDE

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Hazardous Decomposition or Byproducts

CARBON DIOXIDE AND CARBON MONOXIDE

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<b>Hazardous</b>	May Occur	Conditions to Avoid
<b>Polymerization</b>	Will Not Occur	XXX NONE

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## SECTION VI - HEALTH HAZARD DATA

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

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Health Hazards (Acute and Chronic)

THIS IS A STRONG ACID PRODUCT AND IS CORROSIVE TO TISSUE

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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.**

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## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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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.

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Precautions to Be Taken in Handling and Storing

STORE IN A COOL DRY AREA FROM ALKALIS. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

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OTHER Precautions

KEEP OUT OF REACH OF CHILDREN

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## SECTION VIII - CONTROL MEASURES

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Respiratory Protection (Specify Type)

NONE REQUIRED IF GOOD VENTILATION IS AVAILABLE

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**Ventilation**

Local Exhaust

Special

IF AVAILABLE

NONE

Mechanical (General)

Other

IF AVAILABLE

NONE

Protective Gloves

Eye Protection

RUBBER OR PLASTIC GLOVES

GOGGLES, GLASSES, OR FACE SHIELD

Other Protective Clothing or Equipment

RUBBER APRON AND BOOTS

Work/Hygienic Practices

USE CARE AND COMMON SENSE