

**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 SQUADRON

**SECTION I**

Distributor's Name

BRADY INDUSTRIES OF UTAH

Emergency Telephone Number

(800) 424-9300

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

4175 SOUTH ARVILLE

Telephone Number for Information

(702) 876-3990

Date Prepared

LAS VEGAS, NEVADA 89103

3/15/2002 Supercedes 10/09/01

Signature of Preparer (optional)

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

Hazardous Components (Specific Chemical Identity; Common Name(s))

OSHA PEL

ACGIH TLV

Recommended

% (optional)

Other Limits

PHOSPHORIC ACID CAS #7664-38-2

1 MG/M3 3 MG/M3

&lt;5%

DOT Classification: PHOSPHORIC ACID

8, UN1805, PGIII

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

Boiling Point

ABOVE 212 F

Specific Gravity (H2O = 1)

1.01

Vapor Pressure (mm Hg)

SAME AS WATER

Melting Point

NOT AVAILABLE

Vapor Density

SAME AS WATER

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water

COMPLETE

pH

10.5-12.0

Appearance and Odor

DARK PURPLE LIQUID WITH A CITRUS FRAGRANCE

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

Flash Point (Method Used)

N/A

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG.

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT.

Unusual Fire and Explosion Hazards

NO SPECIAL HAZARDS KNOWN.

(Reproduce locally)

OSHA 174, Sept. 1985

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**SECTION V - REACTIVITY DATA**

<b>Stability</b>	Unstable	Conditions to Avoid
	Stable	XXX
		NONE

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Incompatibility (Materials to Avoid)

**STRONG ACIDS (e.g. MURIATIC ACID).**

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Hazardous Decomposition or Byproducts

**PRODUCES NORMAL PRODUCTS OF COMBUSTION WHEN EXPOSED TO FIRE.**

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<b>Hazardous</b>	May Occur	Conditions to Avoid
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**Polymerization**

Will Not Occur	XXX
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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)

**NONE KNOWN**

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Emergency and First Aid Procedures

**EYES:** FLUSH IMMEDIATELY WITH WATER FOR 20 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

**SKIN:** WASH CONTAMINATED AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

**INHALATION:** REMOVE TO FRESH AIR.

**INGESTION:** DO NOT INDUCE VOMITING. DRINK 1-2 GLASSES OF WATER OF MILK. SEEK 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

**ABSORB WITH OIL-DRI OR SIMILAR INERT MATERIAL. SWEEP OR SCRAPE UP AND CONTAINERIZE. RINSE AFFECTED AREA THOROUGHLY WITH WATER.**

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Waste Disposal Method

**NO SPECIAL METHOD. OBSERVE ALL APPLICABLE FEDERAL/STATE REGULATIONS AND LOCAL ORDINANCES REGARDING DISPOSAL OF NON-HAZARDOUS MATERIALS. WASTE FROM NORMAL PRODUCT USE MAY BE SEWERED TO A PUBLIC-OWNED TREATMENT WORKS (POTW) IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL PRETREATMENT REQUIREMENTS.**

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Precautions to Be Taken in Handling and Storing

**STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.**

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Other Precautions

**KEEP OUT OF REACH OF CHILDREN**

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**SECTION VII - CONTROL MEASURES**

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Respiratory Protection (Specify Type)

**NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS.**

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<b>Ventilation</b>	Local Exhaust	Special
	NO	NO
	Mechanical (General)	Other
	NO	NO

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Protective Gloves	Eye Protection
N/A	N/A

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Other Protective Clothing or Equipment

**USE GOOD PERSONAL HYGIENE PRACTICES**

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Work/Hygienic Practices

**USE CARE AND COMMON SENSE**