

CK0100

**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 SUPER CONCENTRATE

**SECTION I**

Distributor's Name

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

LAS VEGAS, NEVADA 89103

Date Prepared

11/12/99

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)
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ALKYLPHENOXY POLYETHOXYETHANOL CAS #26027-38-3				1-5
NOT ESTABLISHED LD50: >3000 mg/kg (oral-rat); >3000 mg/kg (dermal-rabbit)				

PHOSPHORIC ACID CAS #7664-38-2				40-50
1 MG/M3 ACGIH/OSHA TWA, 3 MG/MD ACGIH/OSHA STEL				

DOT: PHOSPHORIC ACID  
 8, UN1805, PGIII

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

Boiling Point	212°F (100°C)	Specific Gravity (H2O = 1)	1.09
Vapor Pressure (mm Hg)	NOT AVAILABLE	Melting Point	NOT AVAILABLE
Density	NOT AVAILABLE	Evaporation Rate (Butyl Acetate = 1)	NOT AVAILABLE
Solubility in Water	COMPLETE	pH	<2.0

Appearance and Odor

LIGHT PURPLE LIQUID WITH A PLEASANT FRAGRANCE

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

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A	N/A	N/A	N/A

Extinguishing Media

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

Special Fire Fighting Procedures

NORMAL FIRE FIGHTING PROCEDURE MAY BE USED. COOL AND USE CAUTION WHEN APPROACHING  
 OR HANDLING FIRE-EXPOSED CONTAINERS.

Unusual Fire and Explosion Hazards

CORROSIVE MATERIAL

(Reproduce locally)

OSHA 174, Sept. 1985

**SECTION V - REACTIVITY DATA**

**Stability**      Unstable                      Conditions to Avoid  
  
                    Stable                      XXX  
   NONE

Incompatibility (Materials to Avoid)

**STRONG BASES/ALKALIS/CAUSTICS** (e.g. SODIUM HYDROXIDE).    **AVOID CONTACT WITH:**  
**ALUMINUM, IRON, ZINC (GALVANIZED).**

Hazardous Decomposition or Byproducts

**PRODUCES NORMAL PRODUCTS OF COMBUSTION**

**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                      NO

Health Hazards (Acute and Chronic)

**CORROSIVE: MAY CAUSE PERMANENT DAMAGE TO EYES, MAY CAUSE CHEMICAL BURNS TO SKIN, MAY IRRITATE THE RESPIRATORY TRACT AND HARMFUL IF SWALLOWED, CORROSIVE TO MOUTH AND DIGESTIVE TRACT.**

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 OR MILK. SEEK  
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

**ABSORB WITH OIL-DRI OR SIMILAR INERT MATERIAL. SWEEP OR SCRAPE UP AND  
CONTAINERIZE. RINSE AFFECTED AREA THOROUGHLY WITH WATER. WEAR/USE APPROPRIATE  
PROTECTIVE EQUIPMENT.**

Waste Disposal Method

**DISPOSAL OF UNDILUTED PRODUCT IS REGULATED UNDER ENVIRONMENTAL AND TRANSPORTATION  
LAWS AS A CORROSIVE WASTE. CONTACT STATE AND LOCAL AUTHORITIES BEFORE DISPOSAL**

Precautions to Be Taken in Handling and Storing

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

Other Precautions

**KEEP OUT OF REACH OF CHILDREN**

**SECTION VIII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

**IF MISTS/VAPORS ARE NOT ADEQUATELY CONTROLLED BY LOCAL VENTILATION, USE  
APPROPRIATE RESPIRATORY PROTECTION TO PREVENT OVEREXPOSURE.**

**Ventilation**

Local Exhaust

YES

Special

RESPIRATORY PROTECTION

Mechanical (General)

NO

Other

NO

Protective Gloves

LONG RUBBER GLOVES

Eye Protection

SPLASH-PROOF GOGGLES

Other Protective Clothing or Equipment

**IF MAJOR EXPOSURE IS POSSIBLE TO EYES/SKIN, WEAR/USE APPROPRIATE PROTECTIVE EQUIP**

Work/Hygienic Practices

USE CARE AND COMMON SENSE