

**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 TURBO DC SUPER CONCENTRATE

**SECTION I**

Manufacturer'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

Date Prepared

LAS VEGAS, NEVADA 89103

12/08/1999

Signature of Preparer (optional)

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

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended	% (optional)
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				Other Limits
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N-ALKYL DIMETHYL BENZYL

(NOT ESTABLISHED)

AMMONIUM CHLORIDE CAS #683391-01-5

2-4%

ALKYLPHENOXY POLYETHOXYETHANOL

(NOT ESTABLISHED)

CAS # 26027-38-3

3-6

**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 (H2O = 1)

1.08

Vapor Pressure (mm Hg)

NOT TESTED

Melting Point

NOT TESTED

Vapor Density

NOT TESTED

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water

COMPLETELY SOLUBLE

pH

12.5

Appearance and Odor

CLEAR COLORLESS LIQUID WITH A MILD PLEASANT 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

WATER, CO<sup>2</sup>, DRY CHEMICAL, OR FOAM

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT

Unusual Fire and Explosion Hazards

CORROSIVE MATERIAL, CONTAINER MAY BURST IN HEAT OF FIRE.

(Reproduce locally)

OSHA 174, Sept. 1985

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**SECTION V - REACTIVITY DATA**

<b>Stability</b>	Unstable	Conditions to Avoid
	Stable	xxx EXCESSIVE HEAT

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**Incompatibility (Materials to Avoid)****STRONG ACIDS (e.g. MURIATIC ACID)****Hazardous Decomposition or Byproducts****WHEN EXPOSED TO FIRE, PRODUCES NORMAL PRODUCTS OF COMBUSTION.**

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**Hazardous** May Occur Conditions to Avoid**Polymerization**

Will Not Occur	xxx	NONE KNOWN
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**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (Acute and Chronic)**

**DIRECT CONTACT OF PRODUCT WITH EYES CAN CAUSE IRRITATION. PROLONGED OR REPEATED CONTACT OF UNDILUTED PRODUCT WITH SKIN MAY CAUSE IRRITATION. IF TAKEN INTERNALLY, PRODUCT MAY CAUSE CORROSIVE DAMAGE TO MOUTH, THROAT OR STOMACH.**

**Emergency and First Aid Procedures**

**EYES:** FLUSH WITH RUNNING WATER FOR 15 MINUTES RAISING THE UPPER AND LOWER EYELIDS REGULARLY IF IRRITATION PERSISTS. GET MEDICAL ATTENTION.

**SKIN:** WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEE A DOCTOR.

**INGESTION:** DO NOT INDUCE VOMITING. DRINK WATER, MILK OR ORANGE, GRAPEFRUIT OR LEMON JUICES. GET 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****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****CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS****Precautions to Be Taken in Handling and Storing**

**STORE IN A COOL, DRY AREA AWAY FROM INCOMPATIBLE MATERIALS WITH ADEQUATE VENTILATION. PRODUCT RESIDUE MAY REMAIN ON/IN EMPTY CONTAINERS. ALL PRECAUTIONS FOR HANDLING THE PRODUCT MUST BE USED IN HANDLING THE EMPTY CONTAINER AND RESIDUE. KEEP FROM FREEZING. WASH THOROUGHLY AFTER HANDLING.**

**Other Precautions****KEEP OUT OF REACH OF CHILDREN**

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**SECTION VII - CONTROL MEASURES****Respiratory Protection (Specify Type)****NOT REQUIRED WITH GOOD VENTILATION**

<b>Ventilation</b>	Local Exhaust	Special
	NONE	NONE
	Mechanical (General)	Other
	NONE	NONE

**Protective Gloves****RUBBER****Eye Protection****SPLASH PROOF GOGGLES****Other Protective Clothing or Equipment**

**USE GOOD PERSONAL HYGIENE PRACTICES. LAUNDRY CONTAMINATED CLOTHING/EQUIPMENT BEFORE RE-USE.**

**Work/Hygienic Practices****USE CARE AND COMMON SENSE**