

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 CONCENTRATE

SECTION I

Manufacturer's Name

BRADY INDUSTRIES, INC.

Emergency Telephone Number

(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

03/23/01

Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specify Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Recommendation (optional) Other Limits
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N-ALKYL DIMETHYL BENZYL

AMMONIUM CHLORIDE

CAS #68391-01-5

1.6

(NOT ESTABLISHED)

SODIUM METASILICATE

CAS #6834-92-0

2-5

(NOT ESTABLISHED)

SODIUM TRIPOLYPHOSPHATE

CAS #26027-38-3

2-4

(NOT ESTABLISHED)

ALKYLPHENOXY POLYETHOXYETHANOL

CAS #26027-38-3

3-6

(NOT ESTABLISHED)

WATER

CAS #7732-18-5

80-90

(N/A)

HAZARD RATING:

4-EXTREME

HEALTH = 1

3-HIGH

FIRE = 0

2-MODERATE

REACTIVITY = 0

1-SLIGHT

SPECIFIC HAZARDS = N/A

0-INSIGNIFICANT

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point

200°F

Specific Gravity (H2O = 1)

1.08

Vapor Pressure (mm Hg)

NOT TESTED

Melting Point

NOT TESTED

Density

NOT TESTED

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water

COMPLETELY SOLUBLE

pH

12.5

Appearance and Odor

GREENISH LIQUID WITH A MILD 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, CO2, DRY CHEMICAL, OR FOAM

Special Fire Fighting Procedures

CORROSIVE MATERIAL, CONTAINER MAY BURST IN HEAT OF FIRE.

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

Stability	Unstable	Conditions to Avoid
	Stable	XXX EXCESSIVE HEAT

Incompatibility (Materials to Avoid)

STRONG ACIDS (e.g. MURIATIC ACID)

Hazardous Decomposition or Byproducts

WHEN EXPOSED TO FIRE, PRODUCES NORMAL PRODUCTS OF COMBUSTION.

Hazardous	May Occur	Conditions to Avoid
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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.

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

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type)

NOT REQUIRED WITH GOOD VENTILATION

Ventilation	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. LAUNDER CONTAMINATED CLOTHING/EQUIPMENT BEFORE RE-USE.

Work/Hygienic Practices

USE CARE AND COMMON SENSE