

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)

ULTRASONIC CLEANER

SECTION I

Distributed by: BRADY INDUSTRIES, INC.	Emergency Telephone Number (800) 424-9300
Address (Number, Street, City, State & ZIP Code) 4175 SOUTH ARVILLE	Telephone Number for Information (702) 876-3990
LAS VEGAS, NEVADA 89103 92050	Date Prepared 03/24/01
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)
SODIUM METASILICATE CAS #6834-92-0	15mg/M ₃	10mg/M ₃	NONE	<1%
*2 BUTOXYETHANOL CAS #111-76-2	25PPM	25PPM	NONE	<3%

DOT CLASS: NON-HAZARDOUS

*THIS CHEMICAL IS SUBJECT TO THE REPORT
REQUIREMENTS OF SECTION 313 OF SARA TITLE III

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point 212°F	Specific Gravity (H ₂ O = 1) 1.02
Vapor Pressure (mm Hg) N/A	Melting Point N/A
Vapor Density N/A	Evaporation Rate (Butyl Acetate = 1)
Solubility in Water COMPLETELY SOLUBLE	pH 12.5

Appearance and Odor
FLOURESCENT YELLOW GREEN LIQUID WITH MILD CHEMICAL ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) NOT FLAMMABLE	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media
USE MEDIA APPROPRIATE FOR SURROUNDING FIRE

Special Fire Fighting Procedures
USE SELF-CONTAINED BREATHING EQUIPMENT

Unusual Fire and Explosion Hazards
NONE

(Reproduce locally)

OSHA 174, Sept. 1985

SECTION V - REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	XXX HEAT

Incompatibility (Materials to Avoid)

STRONG ACIDS

Hazardous Decomposition or Byproducts

N/A

Hazardous	May Occur	Conditions to Avoid
Polymerization	Will Not Occur	XXX N/A

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation? Skin?	Ingestion?
	POSSIBLE	POSSIBLE YES

Health Hazards (Acute and Chronic)

THIS IS A MODERATELY ALKALINE PRODUCE WHICH CAN IRRITATE THE EYES OR THE MUCOUS MEMBRANES IF SWALLOWED.

Emergency and First Aid Procedures

EYES: WASH WITH RUNNING WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET IMMEDIATE MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER. USE A SKIN CREAM. CONTAMINATED CLOTHING MUST BE WASHED BEFORE RE-USE.

INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF REQUIRED.

INGESTION: DO NOT INDUCE VOMITING. GIVE PLENTY OF WATER FOLLOWED BY ORANGE, LEMON OR GRAPEFRUIT JUICE. 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

SMALL SPILL: SOAK UP IN ABSORBENT CLAY OR SAND AND PLACE IN APPROVED SALVAGE CONTAINER.**LARGE SPILL:** DIKE AND PUMP INTO SALVAGE CONTAINERS OR CONTACT HAZARDOUS WASTE DISPOSAL COMPANY.

Waste Disposal Method

CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS.

Precautions to Be Taken in Handling and Storing

STORE IN COOL DRY AREA AND KEEP CONTAINER CLOSED WHEN NOT IN USE. WASH HAND 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
	IF AVAILABLE	NONE
	Mechanical (General)	Other
	IF AVAILABLE	NONE

Protective Gloves

RUBBER OR PLASTIC

Eye Protection

SAFETY GLASSES OR GOGGLES

Other Protective Clothing or Equipment

RUBBER/PLASTIC APRON

Work/Hygienic Practices

USE CARE AND COMMON SENSE
