

# 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 ARTIFICIAL PLANT CLEANER 3:1

## SECTION I

Distributor's Name 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	Date Prepared 7/10/02

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended Other Limits	% (optional)
AQUA AMMONIA CAS#1336-21-6	TWA 5MG/m <sub>3</sub>		NONE	<5%
2 BUTOXYETHANOL CAS#111-76-2	25PPM	25PPM	NONE	<5%

<b>HAZARD RATING:</b>	<b>HEALTH</b>	<b>=</b>	<b>0</b>
<b>4-EXTREME</b>	<b>FIRE</b>	<b>=</b>	<b>1</b>
<b>3-HIGH</b>	<b>REACTIVITY</b>	<b>=</b>	<b>0</b>
<b>2-MODERATE</b>	<b>SPECIFIC HAZARDS</b>	<b>=</b>	<b>0</b>
<b>1-SLIGHT</b>			
<b>0-INSIGNIFICANT</b>	<b>DOT CLASS: NON HAZARDOUS</b>		

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point 212°F	Specific Gravity (H2O = 1) 0.98
Vapor Pressure (mm Hg) N/A	Melting Point 99.1
Vapor Density N/A	Evaporation Rate (Butyl Acetate = 1) 1.04
Solubility in Water COMPLETELY SOLUBLE IN WATER	pH 10.5
Appearance and Odor CLEAR LIQUID WITH A MILD ODOR.	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) NONE	Flammable Limits LEL N/A	UEL N/A
Extinguishing Media SAND, DRY CHEMICAL, DRY FOAM, HALON, WATER		
Special Fire Fighting Procedures THIS PRODUCE WILL NOT BURN OR SUPPORT		
Unusual Fire and Explosion Hazards COMBUSTION. NONE		
(Reproduce locally)		OSHA 174, Sept. 1985

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**SECTION V - REACTIVITY DATA**

<b>Stability</b>	Unstable	Conditions to Avoid
	Stable	XXX HEAT

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Incompatibility (Materials to Avoid)

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Hazardous Decomposition or Byproducts

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<b>Hazardous</b>	May Occur	Conditions to Avoid
<b>Polymerization</b>	Will Not Occur	XXX NONE

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**SECTION VI - HEALTH HAZARD DATA**

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Route(s) of Entry:	Inhalation? Skin?	Ingestion?
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Health Hazards (Acute and Chronic)

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**CONTACT, FUMES, OR CONC. SOLUTIONS SWALLOWED CAN CAUSE SLIGHT IRRITATIONS.**

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Emergency and First Aid Procedures

EYES: FLUSH EYES WITH COOL WATER FOR 30 MINUTES. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN IMMEDIATELY.

SKIN: FLUSH EXPOSED AREA WITH LUKE WARM WATER. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN IMMEDIATELY.

INHALATION: REMOVE PATIENT TO CLEAN ATMOSPHERE AND ADMINISTER OXYGEN IF NECESSARY. CONSULT A PHYSICIAN IMMEDIATE.

INGESTION: DO NOT INDUCE VOMITING. HAVE PATIENT DRINK LARGE AMOUNT OF WATER OR MILK. CONSULT A PHYSICIAN IMMEDIATELY.

**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

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**SMALL SPILLS:** FLUSH AREA WITH WATER TO AN INDUSTRIAL SEWER LINE.

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**LARGE SPILLS:** CONTAINED SPILL WITH DIKES OF ABSORBENT MATERIALS SUCH AS CLAY, SAND OR VERMICULITE. THIS MATERIAL IS NOT CONSIDERED HAZARDOUS AND MAY BE DISPOSED OF AS NON-HAZARDOUS REFUSE.

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Waste Disposal Method

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**CONTACT STATE AND LOCAL AUTHORITIES FOR DETAILS**

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Precautions to Be Taken in Handling and Storing

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Other Precautions

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**KEEP OUT OF REACH OF CHILDREN**

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**SECTION VIII - CONTROL MEASURES**

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Respiratory Protection (Specify Type)

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NONE

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<b>Ventilation</b>	Local Exhaust	Special
	Mechanical (General)	Other

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Protective Gloves

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NONE

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Eye Protection

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GLASSES OR GOGGLES

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Other Protective Clothing or Equipment

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NONE

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Work/Hygienic Practices

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**WASH HANDS AFTER HANDLING. USE COMMON SENSE.**