

**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)

POWER STEAM

**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

9/1/99

Signature of Preparer (optional)

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

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended	% (optional)
---	----------	-----------	-------------	--------------

*2 BUTOXYETHANOL	CAS #111-76-2	25PPM	25PPM	NONE	<3%
------------------	---------------	-------	-------	------	-----

SODIUM HYDROXIDE	CAS #1310-73-2	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>		<5%
------------------	----------------	--------------------	--------------------	--	-----

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 (H2O = 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

pH  
COMPLETELY SOLUBLE

13.0

Appearance and Odor

FLOURESCENT YELLOW GREEN LIQUID WITH MILD CITRUS 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

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**

---

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

---

Incompatibility (Materials to Avoid)

**STRONG ACIDS**

---

Hazardous Decomposition or Byproducts

N/A

---

<b>Hazardous Polymerization</b>	May Occur	Conditions to Avoid
	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 PRODUCT 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.
	<b>NOTE: DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</b>

---

---

**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**

---

<b>Ventilation</b>	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**

---