

**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)

ENGINE DEGREASER

**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

7/10/02 Supersedes 3/24/01

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 <sub>3</sub>	10mg/M <sub>3</sub>	NONE	>2%
*BUTOXYETHANOL	CAS #111-76-2	25PPM	25PPM	NONE	>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 (H<sub>2</sub>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

12.2

Appearance and Odor

FLORESCENT 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

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

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**SECTION V - REACTIVITY DATA**

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

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Incompatibility (Materials to Avoid)

**STRONG ACIDS**

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Hazardous Decomposition or Byproducts

N/A

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

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**SECTION VI - HEALTH HAZARD DATA**

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

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Health Hazards (Acute and Chronic)

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

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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.**

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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

**SMALL SPILL:** SOAK UP IN ABSORBENT CLAY OR SAND AND PLACE IN APPROVED SALVAGE CONTAINER.

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**LARGE SPILL:** DIKE AND PUMP INTO SALVAGE CONTAINERS OR CONTACT HAZARDOUS WASTE DISPOSAL COMPANY.

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Waste Disposal Method

**CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS.**

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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.**

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Other Precautions

**KEEP OUT OF REACH OF CHILDREN**

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**SECTION VII - CONTROL MEASURES**

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Respiratory Protection (Specify Type)

**NOT REQUIRED WITH GOOD VENTILATION**

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

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Protective Gloves	Eye Protection
RUBBER OR PLASTIC	SAFETY GLASSES OR GOGGLES

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Other Protective Clothing or Equipment

RUBBER/PLASTIC APRON

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Work/Hygienic Practices

USE CARE AND COMMON SENSE

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