

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 LOW FOAM LAUNDRY DETERGENT

## SECTION I

Manufactured For:	Emergency Telephone Number
BRADY INDUSTRIES	(800) 424-9300
Address (Number, Street, City, State & ZIP Code)	Telephone Number for Information
4648 N. 7 <sup>th</sup> AVENUE	(800) 533-8151
	Date Prepared
PHOENIX, AZ 85013	1/16/2001
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)
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SODIUM BICARBONATE	CAS #497-19-8	NONE	NONE	NONE	>20%
SODIUM METASILICATE	CAS #6834-92-0	NONE	NONE	NONE	>10%

HAZARD RATING:	HEALTH	=	1
4-EXTREME	FIRE	=	0
3-HIGH	REACTIVITY	=	0
2-MODERATE	SPECIFIC HAZARDS	=	N/A
1-SLIGHT			
0-INSIGNIFICANT			

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	Specific Gravity (H <sub>2</sub> O = 1)
N/A	N/A
Vapor Pressure (mm Hg)	Melting Point
N/A	N/A
Vapor Density	Evaporation Rate (Butyl Acetate = 1)
N/A	N/A
Solubility in Water	pH
100% SOLUBLE	13.8
Appearance and Odor	
ODORLESS, WHITE POWDER OR GRANULAR	

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
N/A	N/A	N/A	N/A
Extinguishing Media			
FOAM, CO <sub>2</sub> , DRY CHEMICAL, WATER FOG.			
Special Fire Fighting Procedures			
NORMAL FIRE FIGHTING PROCEDURES MAY BE USED. USE SELF-CONTAINED BREATHING EQUIP.			
Unusual Fire and Explosion Hazards			
EXCESSIVE HEAT MAY PRODUCE CARBON DIOXIDE			
(Reproduce locally)			OSHA 174, Sept. 1985

## SECTION V - REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	XXX
		HEAT

Incompatibility (Materials to Avoid)

ACIDS

Hazardous Decomposition or Byproducts

MAY LIBERATE CARBON MONOXIDE AND CARBON DIOXIDE.

Hazardous May Occur

Conditions to Avoid

Polymerization

Will Not Occur XXX

NONE KNOWN

**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry:

Inhalation? Skin?

Ingestion?

YES

YES

POSSIBLY

Health Hazards (Acute and Chronic)

MAY CAUSE MODERATE EYE IRRITATION, PROLONGED OR REPEATED CONTACT MAY CAUSE MILD SKIN IRRITATION. MAY CAUSE IRRITATION TO NOSE, THROAT AND RESPIRATOR TRACT AND INGESTION OF PRODUCT MAY CAUSE NAUSEA AND ABDOMINAL DISCOMFORT.

Emergency and First Aid Procedures

EYES: IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION.

SKIN: IMMEDIATELY WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS AFTER WASHING.

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS GIVE LOTS OF WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION. **DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.**

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to Be Taken in Case Material is Released or Spilled

SMALL SPILL: SWEEP UP AND DISPOSE OF IN D.O.T.-APPROVED WASTE CONTAINERS

LARGE SPILL: SHOVEL INTO D.O.T.-APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOIL.

Waste Disposal Method

DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN A MANNER APPROVED FOR THIS MATERIAL ACCORDING TO APPROPRIATE FEDERAL, STATE, AND LOCAL AGENCIES.

Precautions to Be Taken in Handling and Storing

STORE IN A COOL, DRY, WELL-VENTILATED PLACE. STORE AWAY FROM ALL OTHER CHEMICALS AND POTENTIAL SOURCES OF CONTAMINATION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE

Other Precautions

KEEP OUT OF REACH OF CHILDREN.

WASH THOROUGHLY AFTER HANDLING

**SECTION VII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

N/A

Ventilation

Local Exhaust

Special

IF AVAILABLE

NONE

Mechanical (General)

Other

IF AVAILABLE

NONE

Protective Gloves

N/A

Eye Protection

N/A

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

USE CARE AND COMMON SENSE.