

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 ALKA CHLOR LF

SECTION I

Manufactured For:

BRADY INDUSTRIES

Emergency Telephone Number

(800) 424-9300

Address (Number, Street, City, State & ZIP Code) Telephone Number for Information

4175 SOUTH ARVILLE

(800) 533-8151

LAS VEGAS, NEVADA 89103

Date Prepared

7/10/2002

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 HYDROXIDE CAS #1310-73-2	2mg/M ₃	2mg/M ₃		>10%

DOT CLASS: CORROSIVE LIQUID, N.O.S.
(SODIUM HYDROXIDE, MIXTURE)
8, UN1760, PG II

HAZARD RATING:**4-EXTREME****3-HIGH****2-MODERATE****1-SLIGHT****0-INSIGNIFICANT**

HEALTH = 3
FIRE = 0
REACTIVITY = 1
SPECIFIC HAZARDS = N/A

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	214°F	Specific Gravity (H ₂ O = 1)	1.18
Vapor Pressure (mm Hg)	N/A	Melting Point	15°F
Vapor Density	N/A	Evaporation Rate (Butyl Acetate = 1)	NOT TESTED
Solubility in Water	COMPLETELY SOLUBLE	pH	13.7

Appearance and Odor

CLEAR, COLORLESS LIQUID WITH MILD BLEACH ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
NON-FLAMMABLE	N/A	N/A	N/A

Extinguishing Media

WILL NOT BURN OR SUPPORT COMBUSTION

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT AND COVER ALL EXPOSED SKIN.

Unusual Fire and Explosion Hazards

EXCESSIVE HEAT MAY PRODUCE CAUSTIC FUMES

(Reproduce locally)

OSHA 174, Sept. 1985

SECTION V - REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	XXX HEAT AND STRONG ACIDS OR OXIDIZERS

Incompatibility (Materials to Avoid)
HYDROCHLORIC, SULPHURIC, PHOSPHORIC, OR OTHER STRONG ACIDS
Hazardous Decomposition or Byproducts

Hazardous	May Occur	Conditions to Avoid
Polymerization	Will Not Occur	XXX NONE

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	NO	YES	YES

Health Hazards (Acute and Chronic)
THIS IS A CAUSTIC ALKALI PRODUCT WHICH IS CORROSIVE TO TISSUE

Emergency and First Aid Procedures

EYES: FLUSH WITH WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS REGULARLY. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN. ANY CONTAMINATED CLOTHING MUST BE WASHED BEFORE RE-USE.

INGESTION: DO NOT INDUCE VOMITING. DRINK 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
SOAK UP WITH AN INERT ABSORBENT MATERIAL SUCH AS SAND OR VERMICULITE AND PLACE IN AN APPROVED WASTE DISPOSAL CONTAINER.

Waste Disposal Method
CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS

Precautions to Be Taken in Handling and Storing
STORE IN A COOL DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS

Other Precautions
KEEP OUT OF REACH OF CHILDREN

SECTION VIII - 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	Eye Protection
RUBBER OR PLASTIC	SAFETY GLASSES, GOGGLES, OR FACE SHIELD

Other Protective Clothing or Equipment
RUBBER OR NEOPRENE APRON

Work/Hygienic Practices
USE CARE AND COMMON SENSE
