

**MSDS**  
**MATERIAL SAFETY DATA**  
**SHEET**

**BRADY INDUSTRIES, INC.**

7055 LINDELL RD. LAS VEGAS, NV 89118

24-HOUR EMERGENCY TRANSPORTATION RESPONSE  
NUMBER 209-581-9576

PRODUCT NAME:	BRADY LOW TEMP DETERGENT	HEALTH	2
PRODUCT NUMBER	1200.185	FIRE	0
CHEMICAL FAMILY:	Alkaline Warewash Cleaner	REACTIVITY	1
		SPECIAL	COR

NFPA 704 DESIGNATION

**SECTION I-HAZARDOUS INGREDIENTS OF MIXTURES**

CAS #	1310-73-2	37971-36-1
CHEMICAL NAME	Sodium hydroxide	Proprietary Trade Secret
% By Wt	<25%	<7%
OSHA/PEL		N/A
ACGIH/TLV	2 mg/m <sup>3</sup>	N/A
OTHER	N/A	N/A

CERCLA RQ: 7000 lbs  
SARA III: Not Listed

**SECTION II-PHYSICAL DATA**

Boiling Point:	IBP 238° F	Vapor Pressure:	N/A
Vapor Density (Air=1):	N/A	Solubility in Water (% by Wt.):	Complete
% Volatiles by Volume:	<75%	Evaporation Rate:	N/A
Specific Gravity:	<1.25	pH of Concentrate:	>12

Appearance and Odor: Orange/red liquid with very slight odor.

**SECTION III-FIRE AND EXPLOSION DATA**

Flash Point: None

Hazardous Polymerization:  Will Occur     Will Not Occur

Flammable Limits: N/A

    Lower Explosive Limits: N/A

    Upper Explosive Limits: N/A

Extinguishing Media: Water spray, carbon dioxide, foam or dry chemical.

Special Firefighting Procedures: Use self-contained breathing apparatus. When heated to decomposition it will give off hazardous gases.

Unusual Fire and Explosion Hazards: May combine with various metals at decomposition to form further flammable mixtures

Conditions to Avoid: Being an alkaline product, do not store with or near acidic products.

Updated 3/20/08

**SECTION IV-HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: (Refer to Section II)

EFFECTS OF OVEREXPOSURE: Acutely corrosive substance. Very corrosive to tissues. Routes of exposure are eyes, skin, ingestion, and breathing heated vapors. Dust or mist can cause irritant dermatitis.

EMERGENCY AND FIRST AID PROCEDURE:

**SKIN:** Immediately wash affected area thoroughly with soap and water for 15 minutes. Remove any contaminated clothing and launder before reuse.

**EYES:** Flush eyes with copious amounts of water for at least 15 minutes, making sure eyelids are kept open. Seek medical attention if irritation or burning persists.

**INGESTION:** Have victim drink several glasses of water or milk. Do not force an unconscious person to drink anything by mouth. DO NOT INDUCE VOMITING. Contact a physician or poison control center.

**INHALATION:** Not a respiratory irritant. However, heated vapors containing this product may be irritating. Remove from area to fresh air.

**SECTION V-REACTIVITY DATA**

CONDITIONS CONTRIBUTING TO INSTABILITY: Strong acids, heat, contact with iron or aluminum or copper metals. Avoid contact with organic contaminants.

INCOMPATIBILITY: Avoid strong oxidizing agents, soft metals, acids & heat.

HAZARDOUS DECOMPOSITION: Oxides of sodium and other earth elements.

**SECTION VI-SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills (less than 1 gallon) may be flushed, after neutralization to pH 6-9 with citric acid or vinegar, to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal, or collected with an industrial vacuum truck.

WASTE DISPOSAL METHOD: Dispose with in accordance with all federal, state, and local regulations. Do not release the concentrated or diluted product directly into storm drains, or undedicated surface or groundwater supplies. This product is environmentally biodegradable under all conditions associated with normal use.

**SECTION VII-PROTECTIVE EQUIPMENT**

VENTILATION: Forced air, local exhaust, or open air is adequate.

PERSONAL PROTECTIVE EQUIPMENT: Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product.

WORK/HYGENIC PRACTICES: Handle the concentrated product with extreme care.

**SECTION VIII-REGULATORY INFORMATION**

See Section I.

**SECTION IX-STORAGE AND HANDLING**

Do not contaminate water, food or feed by storage or disposal. Keep product in a tightly closed container when not in use. Do not drop, roll or skid drum. Store in a cool, dry, well-ventilated area away from heat and open flame. Triple-rinse container. Offer for recycling, reconditioning or puncture and dispose of in a sanitary landfill; or incinerate if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**SECTION X-GENERAL PRECAUTIONS**

DO NOT REUSE CONTAINER. Wash thoroughly after handling. For industrial or commercial use only. Keep away from children and animals.