
SECTION I – PRODUCT IDENTIFICATION

Luseaux Laboratories, Inc.
16816 S. Gramercy Pl.
Gardena, Ca. 90247

Emergency Telephone No:
Chem Trec 1-800-424-9300

Product Name: HD Liquid Laundry Break
Date Prepared: 09/01/10

Information Telephone No:
928-692-0192

Hazard Rating: Health-3; Fire-0, Reactivity-0; Special-None.
(Hazard Rating Scale: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimal)

SECTION II – HAZARDOUS INGREDIENT/IDENTITY INFORMATION

NAME	OSHA PEL	ACGIH TLV	OTHER	%**
Sodium Hydroxide CAS No. 1310-73-2	2 mg/m ³	2mg/m ³		

This product does not contain substances subject to Section 313 of Sara Title III. **optional

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	239 Degrees F
VAPOR PRESSURE:	10 mm Hg @ 68 degrees F
VAPOR DENSITY (Air=1):	0.62
SPECIFIC GRAVITY (H2O=1)	1.43
MELTING POINT:	Unknown
EVAPORATION RATE:	Unknown
SOLUBILITY IN WATER:	Complete
APPEARANCE AND ODOR:	Colorless liquid; no odor
pH 1% SOLUTION:	Approx: 12.3

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	Non-flammable
EXTINGUISHING MEDIA:	Use media suitable for surrounding materials.
FIRE FIGHTING PROCEDURES:	Fire fighters should wear self-contained breathing apparatus & protective clothing when fighting chemical fires.
FIRE & EXPLOSION HAZARDS:	This material in contact with some metals will liberate explosive hydrogen gas.

SECTION V – REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	None known
INCOMPATIBILITY:	Will react violently with strong acids.
HAZARDOUS DECOMPOSITION:	None known
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION VI – HEALTH HAZARD DATA

ROUTE OF ENTRY: INHALATION: improbable SKIN: yes INGESTION: yes

HEALTH HAZARDS: Corrosive to skin, eyes, and mucous membranes and will cause severe burns.

CARCINOGENICITY: NTP? No IARC MOHOGRAPHS? No OSHA REGULATED? No

SIGNS AND SYMPTOMS OF EXPOSURE: Tissue destruction or severe irritation at areas of contact.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing eye or skin conditions will be aggravated by contact.

EMERGENCY AND FIRST AID PROCEDURES: For eye contact, immediately flush with running water for at least 15 minutes. Get immediate medical attention. For skin contact, flush thoroughly with running water. If irritation is severe or persists, consult a physician. If swallowed, do NOT induce vomiting. Give several glasses of water or milk. Get immediate medical attention. Never 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: Wear alkali resistant protective clothing including rubber gloves and boots. Wear an approved respirator, chemical goggles and a face shield. Wipe or mop up small spills and drips and place into DOT-approved container. Dike large spills with earth or absorbent. Carefully neutralize spilled material with dilute acid. Dry moisture with absorbent and sweep up material. Deposit into DOT-approved containers. Do NOT permit material to enter sewers, storm drains, surface water, or to contaminate land.

WASTE DISPOSAL METHOD: Check with local, State, and Federal authorities on proper disposal methods.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store with food stuffs or adjacent to strong acids. Keep container closed when not in use.

OTHER PRECAUTIONS: Prop. 65 Warning: this product may contain a trace amount of one or more of the chemicals on the California list of known carcinogens or substances known to cause birth defects or other reproductive harm. These are not added to the product but occur naturally in the raw materials or processing equipment. DOT SHIPPING NAME: Compound, Cleaning, Liquid, 8, NA1760, PG III (Contains Sodium Hydroxide)

SECTION VIII – CONTROL MEASURES

RESIRATORY PROTECTION:	Not normally required.
VENTILATION:	Natural
PROTECTIVE GLOVES:	Rubber gloves or vinyl gloves
EYE PROTECTION:	Chemical goggles and face shield
OTHER PROTECTION:	Rubber apron and long sleeves
WORK/HYGENIC PRACTICES:	Wash and dry hands thoroughly. Remove contaminated clothing promptly and launder before reuse.
