

SUPPLIED BY:



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Material Safety Data Sheet

EMERGENCY PHONE:
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This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Section 1: Product Identification

Product Name: LAUNDRY BREAK
Product Number: L600
Product Use: Liquid Laundry pH Breaker
DOT Shipping Name: Caustic Alkali Liquids, N.O.S., 8, UN 1719, PG II (Sodium Hydroxide)

Section 2: Hazardous Ingredient Information

3 Health	Hazard Rating	H.M.I.S
0 Fire	4=Extreme	Abbreviation Key: N.A.-Not Applicable N.E.-Not Established N.D.-Not Determined
2 Reactivity	3=High	
C Maximum Personal Protection	2=Moderate	
	1=Slight	
	0=Insignificant	

A=Goggles B=Goggles & Gloves C=Goggles, Gloves & Apron

Hazard Chemical Identity Sodium Hydroxide
CAS No. 1310-58-3
ACGIH TLV 2mg/m3

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1988.

Section 3: Physical Data

Color: Orange **Odor:** Strong **Physical State:** Liquid
Solubility in Water: Complete **Boiling Point:** Similar to Water
Specific Gravity: 1.247% **Volatile, By Volume:** None
Vapor Density in Air (Air=1): Similar to water
Vapor Pressure: Similar to water **Evaporation Rate:** Similar to water

Section 4: Fire and Explosion Hazard Data

Flash Point (Method Used): None **Extinguishing Media:** N.A.
Flammable Limits in Air: N.A. **Unusual Fire and Explosion Hazards:** Firefighters should wear self-contained positive pressure breathing apparatus and avoid skin contact.

Section 5: Reactivity Data

Chemical Stability: Stable
Conditions to Avoid: Mixture with acid or incompatible materials can cause splattering and release of large amounts of heat.
Incompatibility (Materials to avoid): Acids, Chlorinated hydrocarbons, chlorine dioxide, phosphorus, potassium persulfate.
Hazardous Decomposition of By-Products: Will not decompose
Hazardous Polymerization: Will not occur

Section 6: Toxicological Properties

Exposure Limits: Sodium Hydroxide **ACGIH** **OSHA**
2mg/3 Ceiling None

Medical Conditions Aggravated by Exposure: No known medical conditions aggravated by exposure. **ACUTE TOXICITY**

Eyes: Major Potential hazard-Liquid in the eye can cause severe destruction and blindness. These effects can occur rapidly affecting all parts of the eye. Mist can cause irritation with high concentrations causing destructive burns.

Skin: Major potential hazard-contact with the skin can cause severe burns with deep ulcerations. Contact with solution of mist can cause multiple burns with temporary loss of hair at burn site. Solutions may not cause immediate pain or irritation upon skin contact. Prolonged or repeated contact with dilute solutions may cause drying and cracking of skin and possible skin damage.

Ingestion: Ingestion can cause severe burning and pain in mouth, throat, esophagus and stomach. Severe scarring of the throat can occur after swallowing. Death can result from ingestion.

Inhalation: Inhalation of solution mist can cause mild irritation at 2mg/m3. More severe burns and tissue damage of the upper respiratory tract. Can occur at higher concentrations. Pneumonitis can result from severe exposure.

Chronic Toxicity: Chronic skin contact may cause dermatitis. This product does not contain any materials listed on IARC, OSHA, or NPT carcinogen lists.

Section 7: Preventative & Control Measures

Respiratory Protection: For levels which exceed or are likely to exceed 2mg/m3 use approved high-efficiency particulate filter with full face piece or self-contained breathing apparatus. Follow any applicable respirator use standards and regulations.

Ventilation: As necessary to maintain concentration in air below 2mg/m3 at all times.

Skin Protection: Wear neoprene, PVC, or rubber gloves.

Eye Protection: Wear safety glasses or splash proof chemical goggles.

Hygiene: Avoid contact with skin. Do not eat, drink, or smoke in work area. Wash hands prior to eating, drinking or using restroom. Any protective clothing which becomes contaminated should be thoroughly cleaned before reuse.

Other Control Measures: Safety shower and eye wash should be located in work area.

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Product should be contained and recovered into containers. Product that cannot be recovered should be neutralized with sodium carbonate (baking soda). Clean up personnel should follow all safety precautions during clean up.

Waste Disposal: Dispose of in accordance with all local, state and federal regulations.

Section 8: Emergency First Aid Procedures

First Aid Notes to Physician:

Eyes: Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes. Get medical attention immediately.

Skin: Remove contaminated clothing immediately and wash skin thoroughly for a minimum of 15 minutes with large quantities of water (preferably a safety shower). Get medical attention immediately.

Ingestion: If the person is conscious give large quantities of water to dilute product. Do NOT induce vomiting. Get medical attention immediately.

Inhalation: Move person to fresh air. If breathing stops administer artificial respiration. Get medical attention immediately.

Section 9: Precautionary Information

Danger! Causes severe chemical burns. Eye contact may cause blindness. Harmful skin contact may not cause immediate pain. **Immediate water flushing is vital in case of eye contact.** If swallowed, can cause severe burns and complete tissue perforation of mucous membranes of the mouth, throat, esophagus and stomach. Inhalation can cause severe irritation and burns of the upper respiratory tract and lungs depending on exposure. leading to possible liver and kidney damage.

Section 10: Storage and Handling Precautions

KEEP FROM FREEZING Store in closed, properly labeled containers. DO NOT remove or deface labels. Use of this product should be limited to properly trained individuals.

Section 11: Preparation Information

Prepared By: Regulatory Affairs Department
Phone: 812-336-4817
Date of Preparation: February 2010

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

Laundry Break

Technical Data Sheet

*Liquid
Laundry
Builder*

Product Description

Laundry Break is a liquid laundry additive with pH builders. Designed for use in hard water and heavy soil conditions. Improves results by sequestering minerals. Contains anti-redeposition agents. Safe for all types of natural and sythetic fabrics. May be used in hot, cold or warm water applications.

Use Directions

For use in automatic dispensing equipment. Your LabTek representative will develop a laundry program according to your individual requirements.

Areas of Use

For institutional laundry use only. Should be handled by trained staff.

*Industrial
Strength*

Safety Precautions

Caution! Extremely corrosive to eyes and skin. Harmful if swallowed. Read label and MSDS for complete list of hazards and safety precautions. Keep out of the reach of children. Incompatible with acids. Neutralize with sodium carbonate (baking soda).

Shipping Classification

Caustic Alkali Liquids, N.O.S., (Sodium Hydroxide) 8, UN1719, PG II

Packaging

4/1 gallon case, 5 gallon pail, 30 gallon drum, 55 gallon drum

*Contains
Alkaline
Builders*

Properties

FORM: Clear orange liquid
SPECIFIC GRAVITY: 1.247
PRIMARY HAZARD: Extremely corrosive to eyes and skin.
COMPOSITION: Sodium hydroxide, non-ionic surfactants and alkaline builders.