

# MATERIAL SAFETY DATA SHEET

**EMERGENCY: (800) 535-5053**

**Product Name:** Liquid Booster

**Product Code:** R4511

**Proper Shipping Name:** Potassium hydroxide, solution, 8, UN1814, PG II, E.R.G. #154

**Manufactured by:** EXSL/Ultra Labs, Inc.

**Effective Date:** 11/30/04

**Supersedes:** 7/13/01

## HAZARDOUS INGREDIENTS

	CAS#	PCNT%	TWA	STEL	SARA III	PROP 65	Carcinogen
Potassium Hydroxide	1310-58-3	5.00	2 mg/m <sup>3</sup>	None	No	No	No

## PHYSICAL DATA

**Boiling Point:** 230° F  
**Specific Gravity:** 1.158  
**Appearance & Odor:** Clear Red Liquid, No Odor  
**pH:** (1% Soln) 12.5  
**Evaporation Rate:** 1.0  
**Reactivity in Water:** Heat of Mix  
**Viscosity:** 20 cps  
**Solubility:** Complete  
**Melting Point:** Not App.  
**Vapor Pressure:** < 1.0  
**Vapor Density:** Not Avail.  
**Volatiles:** 87.5%

## FIRE & EXPLOSION DATA

**Health:** ..... 2 ... Hazardous  
**Fire:** ..... 0 ... Will Not Burn  
**Reactivity:** ..... 0 ... Stable  
**NFPA 704 Hazard Rating**  
4 = Extreme, 3 = High, 2 = Moderate  
1 = Slight, 0 = Minimal  
**Flash Point:** None (Cleveland Open Cup)  
**Flammability Levels (LEL/UEL):** Not Avail.

**Extinguishing Media:** ..... This product is not combustible. Use water spray, foam, carbon dioxide, or dry chemical.

**Fire & Explosion Hazard:** ... None.

**Conditions to Avoid:** ..... Open flames, welding arcs or other high temperature sources that induce thermal decomposition, which produce toxic fumes.

## REACTIVITY DATA

**Materials to Avoid:** Strong acids.

**Stability:** Stable

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** Will not occur.

## HEALTH HAZARDS

**Eye Contact:** ..... Causes severe burns. Prolonged and repeated contact can cause blindness.

**Skin Contact:** ..... Causes severe burns and is destructive to tissue.

**Ingestion:** ..... Can cause severe burns and complete tissue perforation of mucous membranes of the mouth, throat, esophagus and stomach.

**Inhalation:** ..... Spray or mist can burn the upper respiratory tract.

## FIRST AID

**Eyes:** ..... Flush out immediately for at least 20 minutes with running water and seek medical attention. Washing eyes within one minute is essential to minimizing eye damage. Hold eyelids apart to ensure flushing of the entire surface.

**Skin:** ..... Immediately wash with plenty of water for at least 15 minutes. Remove contaminated clothing and footwear and wash before reusing. Seek medical attention.

**Ingestion:** ..... Never give anything to an unconscious person. If swallowed, **do not** induce vomiting. Give large quantities of water or milk. If vomiting occurs, keep airways clear. Seek medical attention.

**Inhalation:** ... Move person to fresh air and away from exposure. If breathing is difficult, administer oxygen and seek medical attention. Give artificial respiration if victim is not breathing.

## SPILL OR LEAK PROCEDURES

### Steps to Contain:

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leaks if you can do it without risk. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (rubber boots and gloves). Contain spills with dry earth, sand or other non-combustible material and transfer to containers. Sweep up powder spills and transfer to containers. **DO NOT GET WATER INSIDE CONTAINERS.**

### Recommended Waste Disposal Method:

The materials resulting from the clean up may be hazardous waste and, therefore, subject to specific regulations. Package, store, transport, and dispose all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health environmental regulations. Shipments of waste materials are subject to manifesting requirements per applicable regulations. Ensure that all responsible federal, state, and local agencies receive proper notification of spills and disposal methods.

## SPECIAL PROTECTION & PRECAUTIONS

**Respiratory:** ..... None under normal use conditions.

**Eye:** ..... Goggles or face shield.

**Storage:** ..... Keep in a cool, dry place.

**Clothing:** ..... Recommend wearing rubber or polymer gloves.

**Comments:** ..... Use adequate local exhaust ventilation.

**Handling:** ..... Do not stack or palletize over three high.

## USER'S RESPONSIBILITY

It is the user's responsibility to provide a safe workplace. He or she should consider the health hazard and safety information contained herein as a guide and take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.