

## 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: Blast  
Date Prepared: 09/01/2010

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	2mg/m <sup>3</sup>	2 mg/m <sup>3</sup>		
Sodium Carbonate CAS No. 497-19-8	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		

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

## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	n/a
VAPOR PRESSURE:	n/a
VAPOR DENSITY (Air=1):	Tapped bulk density = 1.45
SPECIFIC GRAVITY (H <sub>2</sub> O=1)	Unknown
MELTING POINT:	n/a
EVAPORATION RATE:	n/a
SOLUBILITY IN WATER:	Soluble
APPEARANCE AND ODOR:	White solid; no odor
pH 1% SOLUTION:	Approx: 12 to 13

## 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:	Solutions of this material are caustic and are corrosive to tissue. Contact with active metals such as aluminum or magnesium will produce flammable hydrogen gas.

## SECTION V – REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	None known
INCOMPATIBILITY:	Avoid strong acids and contact with active metals
HAZARDOUS DECOMPOSITION:	None known
HAZARDOUS POLYMERIZATION:	Will not occur

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**SECTION VI – HEALTH HAZARD DATA**

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

HEALTH HAZARDS: Corrosive to skin, eyes, and mucous membranes and will cause severe burns. Harmful if swallowed; may even result in death.

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

SIGNS AND SYMPTOMS OF EXPOSURE: Tearing blurred vision and severe pain from eye contact. Irritation or burns from skin contact. Pain and gastro irritation from ingestion.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

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 or dilute vinegar. If irritation is severe or persists, consult a physician. If swallowed, do NOT induce vomiting. If conscious and not convulsing, dilute by giving water or milk of magnesia. Get immediate medical attention. Never give anything by mouth to an unconscious person.

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**SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Isolate area from spectators. Wear rubber gloves, goggles, boots, and a NIOSH approved respirator for nuisance dusts. Sweep up spilled material and place in a DOT-approved container for disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with all Local, State, and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed when not being used. Do not store near food.

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: Corrosive Solid, N.O.S., 8, UN 1759, PGIII "Ltd. Qty" (Contains Sodium Hydroxide)

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**SECTION VIII – CONTROL MEASURES**

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

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