

## 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: Luseaux HD Lime Remover  
Date Prepared: 01/02/07

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	%**
Phosphoric Acid* CAS No. 7664-38-2	1 mg/m3 (TWA)	1 mg/m3 (TWA)	3 mg/m3 (STEL)	

\*This material is subject to Section 313 of Sara Title III and 40 CFR 372. \*\*optional

## SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	224 degrees F
VAPOR PRESSURE:	13 mm Hg @ 68 degrees F
VAPOR DENSITY (Air=1):	0.62
SPECIFIC GRAVITY (H2O=1)	1.14
MELTING POINT:	Unknown
EVAPORATION RATE:	Unknown
SOLUBILITY IN WATER:	Complete
APPEARANCE AND ODOR:	Pale yellow liquid; mild acid odor
pH 1% SOLUTION:	Approx: 1.7

## 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:	Flammable hydrogen gas will be liberated if material contacts active metal.

## SECTION V – REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	None known
INCOMPATIBILITY:	May react explosively if allowed to contact strong alkali. Avoid cyanides and strong oxidizing and reducing agents.
HAZARDOUS DECOMPOSITION:	Unknown
HAZARDOUS POLYMERIZATION:	Will not occur

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**SECTION VI – HEALTH HAZARD DATA**

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

HEALTH HAZARDS: Material is corrosive. Causes severe irritation and burns to every area of contact. Harmful if swallowed or inhaled.

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

SIGNS AND SYMPTOMS OF EXPOSURE: Skin contact may cause redness, pain, and severe skin burns. Eye contact may cause redness, pain, blurred vision, eye burns, and permanent eye damage. Ingestion may cause sore throat, abdominal pain, nausea, vomiting and collapse. Ingestion of large quantities may result in death.

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

EMERGENCY AND FIRST AID PROCEDURES: For eye contact, flush with running water for at least 30 minutes, lifting both upper and lower lids. Get immediate medical attention. For skin contact, flush with running water for 30 minutes. Remove contaminated clothing and launder before reuse. If symptoms persist, seek medical attention. If swallowed, do not induce vomiting. If conscious, give large quantities of water or milk. Get medical attention.

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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: Wear rubber gloves, boots, eye goggles and protective clothing. Small spills may be mopped or wiped up and placed into DOT-approved container. Dike large spills with soil or suitable absorbent and neutralize with lime or soda ash. Put residue into DOT-approved containers. Do not permit material to enter storm drains, surface water or contaminate land. Keep material from entering a sanitary sewer.

WASTE DISPOSAL METHOD: Consult local, State and Federal authorities for proper disposal methods and reporting requirements.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store with foodstuff.

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 Phosphoric Acid)

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**SECTION VIII – CONTROL MEASURES**

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RESIRATORY PROTECTION:	Not required under normal conditions of use
VENTILATION:	Natural
PROTECTIVE GLOVES:	Rubber gloves or vinyl gloves
EYE PROTECTION:	Chemical goggles or glasses
OTHER PROTECTION:	Rubber or vinyl apron
WORK/HYGENIC PRACTICES:	Wash well before eating or smoking.

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