

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: Chlo-Cide
EPA Reg. No. 3522-21
Date Prepared: 09/01/2010

Information Telephone No:
928-692-0192

Hazard Rating: Health-2; 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 Hypochlorite (as NaOCl) CAS No. 7681-52-9		.5 ppm (TWA)	1 ppm (TWA)	

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

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	212Degrees F
VAPOR PRESSURE:	n/a
VAPOR DENSITY (Air=1):	n/a
SPECIFIC GRAVITY (H2O=1)	1.11
MELTING POINT:	Not determined
EVAPORATION RATE:	Not determined
SOLUBILITY IN WATER:	Infinite
APPEARANCE AND ODOR:	Pale yellow color; chlorine odor
pH 1% SOLUTION:	Approx. 10.8

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:	n/a

SECTION V – REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Avoid heat, light and contamination with heavy metals
INCOMPATIBILITY:	Avoid acids, organics, ether, ammonia and reducing agents
HAZARDOUS DECOMPOSITION:	n/a
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION VI – HEALTH HAZARD DATA

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

HEALTH HAZARDS: Eye contact may cause severe irritation and damage. Skin contact may cause irritation. Ingestion may cause nausea and vomiting. Inhalation may cause irritation to the respiratory tract (nose and throat). Symptoms may include coughing and sore throat.

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

SIGNS AND SYMPTOMS OF EXPOSURE: Eyes will redden with associated pain. Skin will redden and have burning sensation. Ingestion will cause vomiting and nausea. Inhalation may cause coughing and sore throat.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with impaired respiratory function, or heart disorders (or disease) may be more susceptible to the effects of this substance.

EMERGENCY AND FIRST AID PROCEDURES: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. For inhalation, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. For ingestion, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear chemical goggles, NIOSH approved respirator for chlorine, face shield, and rubber gloves, apron and footwear. Dike spills to prevent spreading. Pump or absorb material and place into DOT-approved containers for disposal. Do not permit material to enter storm drains, surface water or to contaminate land.

WASTE DISPOSAL METHOD: Check with local, State, and Federal authorities on proper disposal methods. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or the Regional Office of the EPA.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from heat and light. Do not store in metal containers.

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: Hypochlorite Solution, 8, UN 1791, PG III

SECTION VIII – CONTROL MEASURES

RESIRATORY PROTECTION:	Not required under normal conditions of use
VENTILATION:	Local exhaust sufficient to eliminate fumes
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.