I Product:  
CLOROX COMMERCIAL SOLUTIONS® LIQUID-PLUMR® HEAVY DUTY CLOG OPENER

Description:  
CLEAR ALKALINE LIQUID WITH A CHLORINE ODOR

II Health Hazard Data

CORROSIVE to the eyes. Injures eyes, skin and mucous membranes on contact. Harmful if swallowed; nausea, vomiting, and burning sensation of the mouth and throat may occur. No adverse health effects are expected with recommended use. Occasional clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite if skin damage (e.g., irritation) occurs during exposure. However, clinical tests conducted on intact skin with Liquid-Plumr found no sensitization in the test subjects. Although not expected, heart conditions or chronic respiratory problems such as asthma, chronic bronchitis or obstructive lung disease may be aggravated by exposure to high concentrations of vapor or mist.

FIRST AID:

EYE CONTACT: Immediately flush eyes with water for 15 minutes. Contact a physician.

SKIN CONTACT: Remove contaminated clothing. Flush skin with water. Contact a physician if irritation or discomfort persists.

INGESTION: Drink a glassful of water. DO NOT induce vomiting.

Immediately contact a physician or Poison Control Center.

Inhalation: Remove from exposure to fresh air.

HMIS/NFPA: H=3, F=0, R=1, PP=B

HMIS Hazard Scale: 1=slight 2=moderate 3=serious 4=severe

III Hazardous Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Concentration</th>
<th>Worker Exposure Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hypochlorite</td>
<td>5-10%</td>
<td>Not established</td>
</tr>
<tr>
<td>CAS# 7681-52-9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Sodium hydroxide           | 0.5-2%        | 2 mg/m^3 - TLV-Ceiling limit^ 
| CAS# 1310-73-2             |               | 2 mg/m^3 - PEL^ |

^TLV-Ceiling limit = ACGIH Threshold Limit Value-Ceiling limit

^PEL = OSHA Permissible Exposure Limit-Time Weighted Average

None of the materials in this product are on the IARC, OSHA, or NTP carcinogen lists.

IV Special Protection and Precautions

Hygienic Practices: Wash skin after direct contact. Do not wear product-contaminated clothing.

Engineering Controls: Use general ventilation to minimize exposure to vapors.

Personal Protective Equipment: Wear safety glasses and gloves. The availability of an eye wash and shower is recommended in a manufacturing environment.

KEEP OUT OF REACH OF CHILDREN. Avoid all splashing, particularly in eyes, on skin and on clothing. Keep children away from basins containing Liquid-Plumr®. Do not use Liquid-Plumr® with plunger or in toilets. Do not use Liquid-Plumr® with ammonia, toilet bowl cleaners or other drain openers. Do not reuse empty container. Rinse container and replace cap before discarding.

V Transportation and Regulatory Data

DOT/IATA/IMDG: Not restricted.

EPA - SARA Title III/CERCLA: This product is regulated under Sections 311/312. This product contains no chemicals regulated under Section 313 and contains sodium hypochlorite and sodium hydroxide which are regulated under Section 304/CERCLA.

TSCA: All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

TSCA 12(b): This product is not subject to TSCA 12(b) reporting requirements.

VI Spill Procedures/Waste Disposal

Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed down material. For spills of multiple products, responders should evaluate the MSDS's of the products for incompatibility with sodium hypochlorite. Breathing protection should be worn in enclosed, and/or poorly ventilated areas until hazard assessment is complete.

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

VII Reactivity Data

Stable under normal use and storage conditions.

Reacts with other household chemicals such as acid toilet bowl cleaners, rust removers, acids, and ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated compounds.

VIII Fire and Explosion Data

Not flammable or explosive. In a fire, cool containers to prevent rupture and release of sodium chloride.

IX Physical Data

Boiling point: \(-212^°F/100^°C\) (decomposes)

Specific gravity: \(-1.1\)

Solubility in Water: \(-\) complete

pH: \(-13.2\)

©1963, 1991 THE CLOROX COMPANY

DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH DATE PREPARED  3/31/10