SECTION I == PRODUCT DESCRIPTION ==

PRODUCT NAME: LIQUID CHLORINE BLEACH
SYNONYMS: SODIUM HYPOCHLORITE
CHEMICAL FAMILY: OXIDIZERS

SECTION II == PRODUCT COMPOSITION ==

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>VOL %</th>
<th>CAS #</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHLORINE</td>
<td>12</td>
<td>7782-50-5</td>
<td>3MG/M</td>
</tr>
<tr>
<td>SODIUM HYDROXIDE</td>
<td>0.8</td>
<td>1310-73-2</td>
<td>2MG/M</td>
</tr>
</tbody>
</table>

SECTION III == PHYSICAL PROPERTIES ==

BOILING RANGE: 230 F (INITIAL BOILING POINT)
SPECIFIC GRAVITY (WATER=1): 1.175
VAPOR PRESSURE AT 20C (MM OF HG): 22
VAPOR DENSITY (AIR=1): 1
SOLUBILITY IN WATER: COMPLETE
EVAPORATION RATE: N/A
% VOLATILES: 50

APPEARANCE AND ODOR: CLEAR YELLOW LIQUID WITH A CHLORINATED BLEACH ODOR

SECTION IV == FIRE AND EXPLOSION DATA ==

LOWER FLAMMABILITY LIMITS (% IN AIR): NOT FLAMMABLE
FLASH POINT (AND METHOD): N/A
FLAMMABILITY CLASSIFICATION: NOT CLASSIFIED

RECOMMENDED EXTINGUISHING MEDIA: DOES NOT BURN OR SUPPORT COMBUSTION.
SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD BE EQUIPPED WITH APPROPRIATE PROTECTIVE APPAREL AND USE NIOSH APPROVED BREATHING MASKS.
UNUSUAL FIRE/EXPLOSION HAZARDS: MAY REACT VIOLENTLY WITH EASILY OXIDIZABLE COMPOUNDS.

SECTION V ================ HEALTH INFORMATION ==========================

THRESHOLD LIMIT VALUE: UNKNOWN EFFECTS OF OVEREXPOSURE: CAUSES SEVERE BURNS TO EYES AND SKIN. IRRITATING TO RESPIRATORY TRACT. NOT CONSIDERED A CARCINOGEN.

EMERGENCY FIRST AID PROCEDURES:
EYE CONTACT: FLUSH 15 MINUTES WITH WATER. CALL PHYSICIAN IMMEDIATELY
SKIN CONTACT: FLUSH WITH WATER.
INHALATION: REMOVE TO FRESH AIR. IF IRRITATED GET MEDICAL ATTENTION
INGESTION: GIVE MILK, EGG WHITES OR MILK OF MAGNESIA. DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

SECTION VI =============== REACTIVITY DATA ===============================

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT AND OPEN FLAME INCOMPATIBILITY WITH OTHER MATERIALS: ACIDS, AMMONIA, ACID SALTS AND EASILY OXIDIZABLE MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: CHLORINE GAS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VII ================ SPILL OR LEAK PROCEDURES ===================== PROCEDURES IF MATERIAL IS SPILLED OR RELEASED: FLUSH AFFECTED AREA WITH WATER REMOVE CONTAMINATED CARDBOARD PAPER ETC. TO DISPOSAL AREAS.

WASTE DISPOSAL PROCEDURES: DILUTE 100:1 WITH WATER AND FLUSH TO SEWER.

FOLLOW FEDERAL, STATE AND LOCAL POLLUTION REGULATIONS.

SECTION VIII ========= SPECIAL PROTECTION INFORMATION ===============

RESPIRATORY PROTECTION: GENERALLY NOT REQUIRED.

LOCAL EXHAUST: RECOMMENDED

PROTECTIVE GLOVES: RUBBER OR NEOPRENE

EYE PROTECTION: SAFETY GOOGLES

OTHER PROTECTIVE EQUIPMENT: AS REQUIRED TO PREVENT CONTACT

SECTION IX ============== ADDITIONAL PRECAUTIONS ==================

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

DANGER!! CORROSIVE.

AVOID CONTACT.
SODIUM HYPOCHLORITE IS A STRONG ALKALINE SALT AND OXIDIZING AGENT. CONTACT MAY CAUSE SEVERE TISSUE DESTRUCTION.

OTHER PRECAUTIONS:
STORE IN COOL, DARK LOCATION. KEEP CONTAINER CLOSED WHEN NOT IN USE.

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