MATERIAL SAFETY DATA SHEET

PRODUCT CODE: 190690
PRODUCT NAME: REGULAR CLOROX BLEACH

MSDS RATING:
HEALTH:
FLAMMABILITY:
REACTIVITY:
SPECIAL:

DISTRIBUTOR'S NAME: PHILIP ROSENBAU CO.
DISTRIBUTOR'S ADDRESS: 280 LINCOLN AVENUE
P.O. BOX 190
CITY: STATE: ZIP: HATBOK, PA 19069-2225
INFORMATION TELEPHONE NUMBER: (215) 956-1900
EMERGENCY TELEPHONE NUMBER: (800) 255-3924 (CHEM-TEL, INC.)

MANUFACTURER'S NAME: THE CLOROX COMPANY
MANUFACTURER'S ADDRESS: 1221 BROADWAY
CITY: STATE: ZIP: OAKLAND, CA 94612
INFORMATION TELEPHONE NUMBER: (415) 647-6100
DATE PREPARED: 9/80

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFO

VAPOROUS COMPONENTS:

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>CAS#</th>
<th>%</th>
<th>WORKER EXPOSURE LIMIT</th>
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<tbody>
<tr>
<td>SODIUM HYPOCHLORITE</td>
<td>7681-92-9</td>
<td>5.25%</td>
<td>NOT ESTABLISHED</td>
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None of the ingredients in this product are on the TARC, NTP or OSHA Carcinogen List. Occasional clinical reports suggest a low potential for sensitization upon exaggerated exposure to sodium hypochlorite of skin damage (e.g., irritation) occurs during exposure. Routine clinical tests conducted on intact skin with Clorox liquid bleach found no sensitization in the test subjects.

SECTION III: PHYSICAL/Chemical CHARACTERISTICS

BOILING POINT: 212 F/100 C (DECOMPOSES)
SPECIFIC GRAVITY (H2O=1): 1.085
VAPOR PRESSURE (MM HG): N/A
VAPOR DENSITY (AIR=1): N/A
VOLATILIES BY VOLUME OR WEIGHT: N/A
EVAPORATION RATE (EOAC = 1): N/A
SOLUBILITY IN WATER: COMPLETE
PH: 11.4
APPEARANCE AND ODOR: CLEAR, LIGHT YELLOW LIQUID WITH CHLORINE ODOR.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA
EXTINGUISHING MEDIA:

SPECIAL FIREFIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS: NOT FLAMMABLE OR EXPLOSIVE, IN A FIRE,
COOL CONTAINERS TO PREVENT RUPTURE AND RELEASE OF SODIUM CHLORATE.

SECTION V: REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID:

INCOMPATIBILITY: STRONG OXIDIZING AGENT
HAZARDOUS DECOMPOSITION OR BY PRODUCTS: REACTS WITH OTHER HOUSEHOLD CHEMICALS
SUCH AS TOILET ROOM CLEANERS, FUST REMOVERS, VINEGAR, ACIDS OR AMMONIA
CONTAINING PRODUCTS TO PRODUCE HAZARDOUS GASES SUCH AS CHLORINE AND OTHER
CHLORINATED SPECIES, PROLONGED CONTACT WITH METAL MAY CAUSE PITTING OR
DISCOLORATION.

HAZARDOUS POLYMERIZATION:
CONDITIONS TO AVOID:

SECTION VI: HEALTH HAZARD DATA

ROUTES OF ENTRY: ALL

HEALTH HAZARDS (ACUTE AND CHRONIC):
CAUSES SEVERE BUT TEMPORARY EYE INJURY, MAY IRRITATE SKIN, MAY CAUSE NAUSEA
AND VOMITING IF INGESTED, EXPOSURE TO VAPOR OR MIST MAY IRRITATE NOSE, THROAT
AND LUNGS.

CANCERGENICITY: NONE

SIGNS AND SYMPTOMS OF EXPOSURE: SEE HEALTH HAZARDS ABOVE

MEDICAL CONDITIONS COMPLICATIONS CAUSED BY EXPOSURE: HEART CONDITIONS OR
CHRONIC RESPIRATORY PROBLEMS SUCH AS ASTHMA, CHRONIC BRONCHITIS OR OBSTRUCTIVE
LUNG DISEASE, UNDER NORMAL CONSUMER USE, CONDITION THE likelihood OF ANY
ADVERSE HEALTH EFFECTS ARE LOW.

EMERGENCY AND FIRST AID PROCEDURES:
EYE CONTACT - IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER, IF IRRITATION
PERSISTS, SEE A DOCTOR.

SKIN CONTACT - REMOVE CONTAMINATED CLOTHING, WASH AREA WITH WATER.

INGESTION - DRINK A GLASSFUL OF WATER AND CALL A PHYSICIAN.

INHALATION - IF BREATHING PROBLEMS DEVELOP, REMOVE TO FRESH AIR.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL QUANTITIES OF
LESS THAN 5 GALLONS MAY BE FLUSHED DOWN THE DRAIN. FOR LARGER QUANTITIES, WIPE
UP WITH AN ABSORBENT MATERIAL OR MOP UP.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL
REGULATIONS. DILUTE WITH WATER TO MINIMIZE OXIDIZING EFFECTS ON SPILLED
Precautions to be taken in handling and storing: Keep out of reach of children. Do not get in eyes or on skin. Wash thoroughly with soap and water after handling. Do not mix with other household chemicals such as toilet bowl cleaners, rust removers, vinegar, acid, or ammonia containing products. Store in a cool, dry place. Do not reuse empty container: Rinse container and put in trash container.

Other Precautions:

***SECTION VIII: CONTROL MEASURES***

Respiratory Protection (specify type):

Ventilation: Use general ventilation to minimize exposure to vapor or mist.

Protective Gloves: With repeated or prolonged use, wear gloves.

Eye Protection: Wear safety glasses.

Other Protective Clothing or Equipment:

Work/Hygienic Practices: Avoid eye and skin contact and inhalation of vapor or mist.

***SECTION IX: SHIPPING REGULATIONS***

UN Number:

DOT Hazard Class:

Shipping Label:

Shipping Name:

***SECTION X: SPECIAL COMMENTS***

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