Company Name: CITY CHEMICAL CORPORATION (FORMER NEW YORK NY LOCATION)

Address:100 HOBOKEN AVE City:JERSEY CITY

State:NJ ZIP:07310 Coun try:US

Info Phone Num:201-653-6900/800-424-9300(CHEMTREC)

Emergency Phone Num:908-859-2151/800-248-2436

Chemtrec Ind/Phone:(800)424-9300

CAGE:83628

=== Contractor Identification ===

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Address: 100 HOBOKEN AVE

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Phone:201-653-6900/800-248-2436 Contract Num:SP045098MCN88

CAGE:83628

======= Composition/Information on Ingredients ========

Ingred Name: CHLORIC ACID, SODIUM SALT; (SODIUM CHLORATE)

CAS:7775-0

9-9

RTECS #:FO0525000

= Wt:100.

Other REC Limits: NONE RECOMMENDED

========== Hazards Identification ==============

LD50 LC50 Mixture:LD50 (ORAL, RAT) 1200 MG/KG Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE - VERY DANGEROUS IN CASE OF SKIN CONTACT (IRRITANT), OF EYE CONTACT (IRRITANT), OF INHALATIO

## N. VERY

SLIGHTLY TO SLIGHTLY DANGE ROUS IN CASE OF SKIN CONTACT (CORROSIVE, PERMEATOR). THIS PRODUCT IS A SEVERE EYE IRRITANTAND CAUSE INFLAMMATION. PROLONGED EXPOSURE MAY RESULT IN SKIN, INFLAMMATION, BURNS AND ULCERATION. OVER-EXPOSUR E BY INHALATION MAY CAUSE RESPIRATORY IRRITATION. HARMFUL IF INGESTED. CHRONIC - UNKNOWN.

Explanation of Carcinogenicity: NOT RELEVANT.

Effects of Overexposure:SEVERE IRRITATION, NAUSEA, VOMITING, TEARING, BLURRED VISION, DRY SKIN, BLIST

ERING, REDDENING, ITCHING, COUGHING

Medical Cond Aggravated by Exposure: NOT KNOWN TO AGGRAVATE PREEXISTING MEDICAL CONDITION.

======= Fir	rst Aid Measures	
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First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. CALL PHYSICIAN. SKIN: WASH WITH A DISINFECTANT SOAP AND WATER. COVER THE CONTAMINATED SKIN WITH AN ANTI-BACTERIA CREAM. INHALED: REMOVE TO FRESH AIR. LOOSEN TIGHT CLOT

HING. IF BREATHING IS DIFFICULT, ADMINISTER
OXYGEN. IF THE VICTIM IS NOT BREATHING, PERFORM MOUTH-TO-MOUTH
RESUSCITATION. SEEK M EDICAL ATTENTION. INGESTION: IF CONSCIOUS,
DRINK SEVERAL GLAASES OF MILK OR WATER. INDUCE VOMITING BY STICKING
FINGER IN THROAT. SEEK IMMEDIATE MEDICAL ATTENTION. NEVER GIVE
FLUID OR INDUCE VOMITING I F PATIENT IS UNCONSCIOUS.

========== Fire Fighting Measures ===============

Flash Point:NOT COMBUSTIBLE
Unusual Fire/Explosion Ha
zard:STRONG OXIDIZER. INCREASES FLAMMABILITY
OF COMBUSTIBLE SUBSTANCES. IN CONTACT WITH EASILY OXIDIZABLE
SUBSTANCES, IT MAY REACT RAPIDLY ENOUGH TO IGNITE/EXPLODE.

========= Accidental Release Measures ============

Spill Release Procedures:OXIDIZING MATERIAL. STOP LEAK IF WITHOUT RISK. AVOID CONTACT WITH A COMBUSTIBLE MATERIAL (WOOD, PAPER, OIL CLOTHING). WEAR DUST RESPIRATOR IF NEEDED. KEEP SUBSTANCE DAMP USING WATER SPRAY. DO NOT TOUC H SPILLED MATERIAL.

SWEEP UP AND TRANSFER INTO A SEALABLE WASTE CONTAINER. MINIMIZE GENERATION OF DUST. WASH SPILL AREA THOROUGHLY WITH WATER. PREVENT ENTRY INTO SEWERS OR CONFINED AREAS. Neutralizing Agent:REDUCING MATERIAL
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Handling and Storage Precautions:OXIDIZING MATERIALS SHOULD BE STORED IN A SEPARATE SAFETY STORAGE CABINET OR ROOM. STORE IN A COOL, DRYVENTILATED AREA AWAY FROM IGNITION SOURCES, AND INCOMPATIBLES.

Ot
her Precautions:DO NOT GENERATE DUST. AVOID BREATHING DUST. DO NOT
GET IN EYE, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING
AND BEFORE ATING OR DRINKING. USE WITH ADEQUATE VENTILATION. KEEP
OUT OF REACH OF CHILDREN. IN CASE OF INSUFFICIENT VENTILATION,
WEAR SUITABLE RESPIRATORY EQUIPMENT. IF YOU FEEL UNWE LL, SEE A
DOCTOR.

====== Exposure Controls/Personal Protection =========

Respiratory Protection: NONE NEEDED IN NORMAL LABORATORY HANDLING. IF D

USTY SITUATIONS PREVAIL, WORK IN VENTILATION HOOD OR WEAR NIOSH-APPROVED DUST RESPIRATOR OR MASK.

Ventilation: USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves: RUBBER

Eye Protection: CHEMICAL SAFETY GLASSES OR GOGGLES

Other Protective Equipment:FULL SUIT, BOOTS, EYE BATH, WASHING FACILITY Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING, DRINKING OR S

MOKING.

Supplemental Safety and Health

======== Physical/Chemical Properties ==========

HCC:D1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:=248.C, 478.4F

Decomp Temp:=300.C, 572.F

Spec Gravity:2.5(WATER=1)

Solubility in Water: SOLUBLE IN COLD WATER

Appearance and Odor:SOLID

======== Stability and Reactivity Data ===========

Stability Indicator/Materials to Avoid:NO

EXTREMELY REACTIVE OR INCOMPATIBLE WITH ACIDS. HIGHLY REACTIVE WITH REDUCING AGENTS,

OXIDE WHEN HEATED TO DECOMPOSITION.
======== Ecological Information ==========
Ecological:THE PRODUCTS OF DEGRADATION ARE MORE TOXIC.
======= Disposal Considerations ==========
Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECLAMATION OF RECYCLING MAY BE DELIVERED TO A RCRA APPROVED WASTE DISPOSAL FACILITY. ENSU
RE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
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State Regulatory Information:LISTED BY THE STATE OF PENNSYLVANIA AND

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