

DELTA CHEMICAL CORPORATION -- CHLORINE -- 6830-00-894-3135

===== Product Identification =====

Product ID:CHLORINE
MSDS Date:01/01/1985
FSC:6830
NIIN:00-894-3135
MSDS Number: BFVDP
=== Responsible Party ===
Company Name:DELTA CHEMICAL CORPORATION
Address:2601 CANNERY AVE
City:BALTIMORE
State:MD
ZIP:21226-1510
Country:US
CAGE:7A345
=== Contractor Identification ===
Company Name:DELTA CHEMICAL CORP
A
ddress:2601 CANNERY AVE
Box:City:BALTIMORE
State:MD
ZIP:21226-1510
Country:US
Phone:301-354-0100/800-424-9300(CHEMTREC)
CAGE:7A345

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

Ingred Name:CHLORINE (SARA III)
CAS:7782-50-5
RTECS #:FO2100000
Fraction by Wt: 99.5%
OSHA PEL:(C) 1 PPM
ACGIH TLV:0.5 PPM/1 STEL; 9293
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

Effects of Overexposure:EYE/SKIN: BURNS. VAPORS: SUF

FOCATION,IRRIT OF
THROAT & UPPER RESP SYSTEM,PULMONARY EDEMA.

===== First Aid Measures =====

First Aid:EYE: FLUSH WITH WATER 15 MINUTES,GET MEDICAL ASST. SKIN: WASH WITH WATER. INHALATION: REMOVE FROM EXPOSURE,GIVE ARTIF RESP IF NEEDED,GET MEDICAL ATTN. INGESTION: INDUCE VOMITING.

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

Flash Point:NONE

Extinguishing Media:SUFFICINET FOR SURROUNDING AREA.

Fire Fighting Procedures:

SCBA & TURNOUT CLOTH,WATER TO COOL EXPSE CONT

*SEE SUP DATA.

Unusual Fire/Explosion Hazard:MANY METALS IGNITE IN PRESENCE OF CHLORINE.

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

Spill Release Procedures:MOVE UNPROTECTED PERSONNEL OUT OF DANGER AREA. ISOLATE LEAK IF CHLORINE CONTAINER IS LEAKING,POSITION SO GAS RATHER THAN LIQUID LEAKS. USING FULL PERSONAL PROTECTIVE EQUIPMENT,APPLY EMERGENCY KIT DEVI CE,IF POSSIBLE. APPLY EMERGENCY PLAN,ONLARGE LEAK

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT ATTEMPT TO HANDLE,STORE OR USE CHLORINE WITH OUT COMPLETE REVIEW OF THE CHLORINE INSTITUTE'S CHLORINE MANUAL.

Other Precautions:OBTAIN MEDICAL ASST AFTER ANY EXPOSURE. KEEP CHLORINE PIPING & EQUIPMENT CLEAN & MOISTURE FREE.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH EXPOS

URE OF CONCERN.

Ventilation:FLOOR LEVEL EXHAUST TO LIMITN EXPOSURE BELOW THE PEL

Protective Gloves:NON-POROUS

Eye Protection:CHEM WORKER

Other Protective Equipment:PROTECTIVE CLOTHING.

Supplemental Safety and Health

*EXCEPT IF CL*2 IS ESCAPING. WET CHLORINE IS CORROSIVE TO MOST METALS

EXCEPT TITANIUM. DRY CHLORINE IS NOT CORROSIVE TO MOST METALS

EXCEPT TITANIUM & TIN. CONTAINER SIZE: 150 LB CYLINDER.

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

HCC:G7

Boiling Pt

:B.P. Text:-29F/-34C

Vapor Pres:71

Vapor Density:2.5

Spec Gravity:1.467

Solubility in Water:SLIGHT

Appearance and Odor:GAS: GREENISH YELLOW; LIQUID: AMBER. ODOR: PUNGENT

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

Stability Indicator/Materials to Avoid:YES

ORGANIC MATERIALS,WATER.

===== Disposal Considerations =====

Waste Disposal Methods:COMPLY WITH LOCAL,STATE AND FEDERAL REGULATION.

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