

CONTINENTAL CHEMICAL CO -- CHLORINE -- 6830-00-281-3464

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

Product ID:CHLORINE

MSDS Date:01/01/1985

FSC:6830

NIIN:00-281-3464

MSDS Number: BDSXZ

=== Responsible Party ===

Company Name:CONTINENTAL CHEMICAL CO

Address:2175 ACOMA ST

City:SACRAMENTO

State:CA

ZIP:95815-3508

Country:US

CAGE:86257

=== Contractor Identification ===

Company Name:CONTINENTAL CHEMICAL CO

Addr

ess:2175 ACOMA ST

Box:City:SACRAMENTO

State:CA

ZIP:95815-3508

Country:US

Phone:OUT OF BUSINESS

CAGE:86257

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

Ingred Name:CHLORINE (SARA III)

CAS:7782-50-5

RTECS #:FO2100000

Fraction by Wt: 100%

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:INHALATION:COUGHING,SNEEZING,SHORTNESS OF BREATH.E

YE IRRITATION,SKIN IRRITATION,DAMAGE TO TEETH

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

First Aid:INHALATION:IMMEDIATELY REMOVE PATIENT FROM CONTAMINATED AREA;KEEP WARM & AT REST.EYE/SKIN CONTACT:IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES,WHILE REMOVING CONT.CLOTHING.SEE DOCTOR.THRO AT IRRIT:DRINK MILK.COUGHING:HOT COFFEEOR TEA

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

Fire Fighting Procedures:NIOSH/MSHA-APPROVE
D SELF-CONTAINED BREATHING
APPARATUS

Unusual Fire/Explosion Hazard:WILL SUPPORT COMBUSTION.REACTS READILY W/HYDROCARBONS,ALCOHOLS,ETHERS,& METALS,SOMETIMES W/EXPLOSION

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

Spill Release Procedures:EVACUATE ALL PERSONNEL IMMEDIATELY.ONLY TRAINED PERSONNEL WEARING NIOSH/MSHA-APPROVED,FULL FACE,SELF CONTAINED BREATHING APPARATUS BE PERMITTED TO RE-ENTER AREA.NEVER PUT H*2O ON A CL LEAK.DO NOT SPRA Y NH*3 H*2O ON C
OPPER FTHS.REMOVE
LKY CYS TO ISOLA

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

Handling and Storage Precautions:STORE IN WELL-VENTILATED,FIRE-PROOF AREA AWAY FROM OTHER CONTAINERS.KEEP AWAY FROM HEAT & MOISTURE.NEVER PLUG A LEAKING CONT. IN WATER.PIPING CONT.FRE
Other Precautions:USE ONLY DRY AIR(-40F DEN PT.MIN) OR OIL-FREE N*2 FOR PURGING,TESTING FOR LEAKS OR PADDING.PERSONNEL AT ALL TIMES CARRY A NIOSH/MSHA APPROVED CART.TYPE ESCAPE RESP;AVOID BRE
ATH.GAS,USE
VENTIL.

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

Respiratory Protection:FOR ESCAPE ONLY:NIOSH/MSHA-APPROVED CARTRIDGE TYPE.REENTER SEE SUPP.

Ventilation:LOCAL EXHAUST OR MECHANICAL-SUFFICIENT TO MAINTAIN TLV.

Protective Gloves:LEATHER OR RUBB

Eye Protection:CHEM.SPLASH-PROOF GOGGLES

Other Protective Equipment:SAFETY SHOWER,EYE-WASH FOUTAIN

Supplemental Safety and Health

SPECIAL FIRE FIGHTING PROCEDURES(CONTD):MOVE CONTAINERS AWAY FROM FIRE.IF

THEY CANNOT BE MOVED,KEEP COOL WITH WATER SPRAY.NOTIFY
FIRE-FIGHTING PERONNAL CHLORINE CONTAINERS ARE IN AREA.

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

HCC:G7

Boiling Pt:B.P. Text:-29.31F

Vapor Pres:50

Vapor Density:2.67

Spec Gravity:1.468

Evaporation Rate & Reference:>1.0,ETHYL ETHER

Solubility in Water:SLIGHT

Appearance and Odor:GREENISH YELLOW GAS,PUNGENT & IRRITATING ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

HYDROCARBONS,ALCOHOLS,ETHER,NH*3,H*2,FINELY DIVIDED METALS

Stability Condition to

Avoid:HYDROCARBONS,ALCOHOLS,ETHER,NH*3,H*2,CONTACTS BE AVOIDED

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

Waste Disposal Methods:NEUTRALIZE CHLORINE WITH 188 LBS OF CAUSTIC SODA
& 60 GAL WATER & WITH 450 LBS OF SODA ASH & 150 GALS OF WATER.PLACE
NEUTRAL IZED MATERIAL IN A CLOSED CONTAINER & SHIP TO AN APPROVED
D

ISPOSAL AREA

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