

FMC CORP (DISTR JONES CHEM INC) -- BB-C-120,CHLORINE,TECHNICAL -- 6830-00-281-3464

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

Product ID:BB-C-120,CHLORINE,TECHNICAL

MSDS Date:01/01/1985

FSC:6830

NIIN:00-281-3464

MSDS Number: BDSXW

=== Responsible Party ===

Company Name:FMC CORP (DISTR JONES CHEM INC)

Address:2000 MARKET ST

City:PHILADELPHIA

State:PA

ZIP:19103-3230

Country:US

Info Phone Num:215-299-6000

E

mergency Phone Num:215-299-6000

CAGE:35596

=== Contractor Identification ===

Company Name:FMC CORP (DISTR JONES CHEM INC)

Address:2000 MARKET ST

Box:City:PHILADELPHIA

State:PA

ZIP:19103-3230

Country:US

Phone:215-299-6000

CAGE:35596

=====  
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:LIQ CHLOR CAUSES SKIN & EYE BURNS ON CONTACT.  
LIQ CL\*2 VAPORIZ TO GAS. RETCHING & VOMITING.

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

First Aid:EYE CONT: HOLD EYELIDS APART & WASH EYES W/MUCH WATER FOR 15  
MIN. CALL PHYSICIAN. SKIN CONT: REMOVE CONTAM CLOTHG & WASH SKIN  
W/WATER. INHALAT: REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION  
OR OXY GEN IF UNCONSC. ALLOW PATIENT TO REST.  
CALL DOC.

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

Fire Fighting Procedures:REMOVE CHLOR CONTAINER FROM FIRE IF NOT LEAKG  
Unusual Fire/Explosion Hazard:CHLOR IS NEITHER EXPLOS NOR FLAMM.  
CHLORINE WILL SUPPORT COMBUSTION.

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

Spill Release Procedures:EVACUATE AREA; USE PROPER BREATHING APPARATUS.  
KEEP CONTAINER COOL BUT DO NOT SPRAY WATER DIRECTLY ON LEAK; REPAIR  
LEAK W/EMERGENCY KIT.

===

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

Handling and Storage Precautions:AVOID TEMP ABOVE 150 DEG F. DO NOT  
SPRAY WATER ON CHLORINE LEAK. WEAR PROPER PROTECTIVE EQUIPMENT.

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

Respiratory Protection:USBM APPR GAS MASK W/APPROP CANIST 1% CL\*2 -  
USBM APPR SELF-CONT

Ventilation:YES; MECHANICAL

Protective Gloves:RUB LIQ PROOF

Eye Protection:FULL FACE SHIELD-GOGGLES

Other Protective Equipment:FULL COVE

R CLOTHING

Supplemental Safety and Health

VAPOR PRESS 2748 MMC 32 DEG F. SPEC FIRE FIGHTING: REMOVE CL\*2  
CONTAINER FROM FIRE. IF NOT LEAKING, SPRAY W/WATER TO KEEP COOL.

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

HCC:G9

Boiling Pt:B.P. Text:-27.3 DEG F

Vapor Density:2.47

Spec Gravity:1.398

Solubility in Water:SLIGHT

Appearance and Odor:AMBER COLORED LIQUID - CHLORINE GAS

Percent Volatiles by Volume:100

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

=====

Stability Indicator/Materials to Avoid: YES

WATER, HYDROGEN, NITROGEN COMPOUNDS

Stability Condition to Avoid: PRESENCE OF WATER INCREASES RATE OF RX  
W/MANY METALS

Hazardous Decomposition Products: CHLORINE GAS

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

Waste Disposal Methods: REMOVE CHLORINE AS GAS TO PROCESS, OR TO A  
DISPOSAL SYSTEM CONTAINING ALKALI. (REMOVE AS LIQUID IF PROCESS  
WILL TAKE AS LIQUID)

Disclaimer (provided with this information by the  
compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.