MSDS Date:12/04/1989

FSC:6810

NIIN:00-973-6472

MSDS Number: BGSQV === Responsible Party ===

Company Name: SIGMA CHEMICAL CO

Address:3050 SPRUCE ST

City:ST LOUIS State:MO ZIP:63103 Country:US

Info Phone Num:800-325-8070

Emergency Phone Num:314-771-5765

CAGE:21076 === Contr

actor Identification ===

Company Name: SIGMA CHEMICAL COMPANY

Address:3050 SPRUCE ST

Box:14508 City:ST LOUIS State:MO ZIP:63178 Country:US

Phone:314-771-5765

CAGE:21076

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

Ingred Name: CHLOROFORM (SARA III)

CAS:67-66-3

RTECS #:FS9100000 Fraction by Wt: >99%

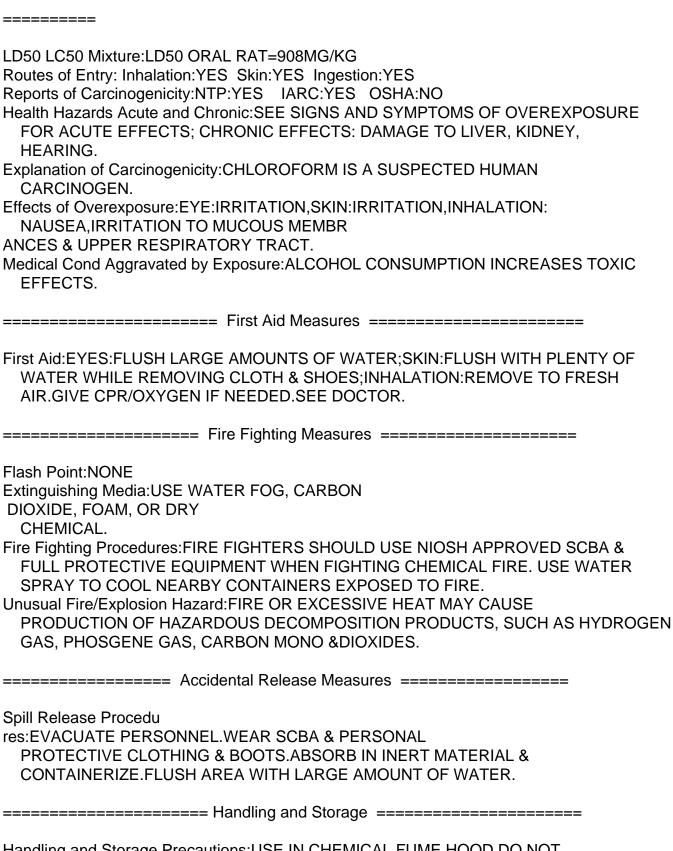
Other REC Limits: NONE RECOMMENDED

OSHA PEL:C 50 PPM

ACGIH TLV:10 PPM; A2; 9394

EPA Rpt Qty:10 LBS DOT Rpt Qty:10 LBS

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



Handling and Storage Precautions: USE IN CHEMICAL FUME HOOD.DO NOT BREATHE VAPOR.AVOID ALL CONTACT.KEEP TIGHTLY CLOSED.PROTECT FROM LIGHT.STORE IN COOL, DRY PLACE.

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

Respiratory Protection:NIOSH/MS

HA APPROVED RESPIRATORY DEVICE I/A/W EXPOSURE OF CONCERN. Ventilation: USE CHEMICAL FUME HOOD WITH EXHAUST VENTILATION. Protective Gloves: RUBBER Eye Protection: SPLASH GOGGLES Other Protective Equipment: EYE BATH, SAFETY SHOWER, APRON. Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING-LAUNDER CONTAMINATED CLOTHING BEFORE REUSE Supplemental Safety and Health ========= Physical/Chemical Properties ============== HCC:T4 Boiling Pt:B.P. Text:141F,61C Melt/Freeze Pt:M.P/F.P T ext:-81F,-63C Vapor Pres:160 Vapor Density:4.1 Spec Gravity:1.492 Solubility in Water:SLIGHT Appearance and Odor: COLORLESS LIQUID WIYH SWEET ODOR. ======== Stability and Reactivity Data ========== Stability Indicator/Materials to Avoid:YES Stability Condition to Avoid: EXPOSURE TO LIGHT, HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES Hazardous Decomposition Products: HCL, PHOSGENE, CO, CO2.

STRONG OXIDIZING AGENTS, BASES AND ALUMINUM.

====== Disposal Considerations ______

Waste Disposal Methods: IGNITE IN PRESENCE OF SODIUM CARBINATE & CALCIUM HYDROXIDE.MATERIAL SHOULD BE MIXED WITH ABSORBENT & THEN WITH DRY CAUSTICS, WRAPPED IN PAPER & BURNED IN A CHEMICAL INCINERATOR WITH AFTERBURNER & SCRU BBER, OBSERVE FEDERAL, STATE & LOCAL LAWS.

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.