

MEASUREMENTS GROUP -- CHLOROTHENE SM -- 6810-00-551-1487

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

Product ID:CHLOROTHENE SM

MSDS Date:01/01/1985

FSC:6810

NIIN:00-551-1487

MSDS Number: BFDZB

=== Responsible Party ===

Company Name:MEASUREMENTS GROUP

Box:7777

City:RALEIGH

State:NC

ZIP:27611

Country:US

CAGE:88952

=== Contractor Identification ===

Company Name:MEASUREMENTS GROUP INC

Address:9517 US 64 HWY

B

City:WENDELL

State:NC

ZIP:27591

Country:US

Phone:919-365-3800

CAGE:88952

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

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 95.5%

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450 STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ozone Depleting Chemical:1

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

Effects of Overexposure:EYES/SKIN:MILD

IRRIT. INH:ANESTHETIC

EFFECTS-POSS DEATH W/OVEREXPOSURE. ING:VERY LOW TOXICITY.

=====
First Aid Measures
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First Aid:EYES/SKIN:FLUSH W/WATER 15 MINS. WASH CLTHNG BEFORE REUSE.
ING:DO NOT INDUCE VOMITING. CALL MD &/OR TRANSPORT TO EMERGENCY
FACILITY. INH:MOVE TO FRESH AIR. GIVE ART RESP OR O*2 AS NEC. CALL
MD &/OR TR ANSPORT TO MED FACILITY.

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Fire Fighting Measures
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Flash Point:NONE

Lower Lim

its:8.0

Upper Limits:10.5

Extinguishing Media:WATER FOG.

Fire Fighting Procedures:SELF-CONTAINED RESP EQUIP.

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Accidental Release Measures
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Spill Release Procedures:SMALL:MOP UP/WIPE UP/SOAK IMMEDIATELY. REMOVE
TO OUTDOORS. LARGE:EVACUATE AREA. CONTAIN LIQUID;TRANSFER TO CLOSED
MATAL CONTAINERS. KEEP OUT OF WATER SUPPLIES. USE APPROPRIATE
SAFETY EQUIP.

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Handling and Storage
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Handling and Storage Pre

cautions:STORE IN COOL DRY PLACE. AVOID BRTHNG

VAP. VAP HEAVIER THAN AIR-WILL COLLECT IN LOW AREAS-ENTER ONLY
W/SPECIAL BRTHNG APPARATUS & AN OBSERVER PRESENT.

Other Precautions:USE REASONABLE CARE. DO NOT TRANSFER PRODUCT FROM
ORIGINAL CONTAINER TO ONES MADE OF ALUMINUM. CARTRIDGE RESP NOT
RECOMMENDED EXCEPT FOR EVACUATION. IN EMERG: SCBA OR FULL-FACE RESP
AS REC.

=====
Exposure Controls/Personal Protection
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Respiratory Protection:NONE NORMALLY NEC(M

FR). NIOSH/MSHA APPRVD RESP
IF INADEQUATE VENT.

Ventilation:ADEQUATE TO MAINTAIN VAPORS BELOW TLV.

Eye Protection:SAFETY GLASSES

Supplemental Safety and Health

PRODUCT CONFORMS TO O-T-620C, TYPE 1, MIL-T-81533A, & MIL-STD-610.

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

HCC:T4

Boiling Pt:B.P. Text:165F,74C

Vapor Pres:100

Vapor Density:4.55

Spec Gravity:1.3210

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

WATER-SLOW HYDROLYSIS PRODUCES CORROSIVE ACID.

Stability Condition to Avoid:OPEN FLAMES,WELDING ARCS, OTHER HIGH TEMP
SOURCES.

Hazardous Decomposition Products:HCL, VERY SMALL AMOUNTS OF PHOSGENE &
CHLORINE.

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

Waste Disposal Methods:SEND SOLVENT TO LICENSED

RECLAIMER/INCINERATE/EVAPORATE SMALL QUANTITIES/APPROVED
LANDFILL

BURIAL IN COMPLIANCE W/LOCAL,STATE & FEDERAL REGULATIONS. DUMPING
INTO SEWERS, ON THE GROUND, OR INTO ANY BOD Y OF WATER IS STRONGLY
DISCOURAGED & POSS ILLEGAL.

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