

AEROSOL 1,1,1 TRICHLOROETHANE

MSDS Number

BSCXW

National Stock Number

6810-00-930-6311

Product Name

AEROSOL 1,1,1 TRICHLOROETHANE

Manufacturer

PLAZE INCORPORATED

Product Identification

Product ID:AEROSOL 1,1,1 TRICHLOROETHANE

MSDS Date:08/01/1990

FSC:6810

NIIN:00-930-6311

MSDS Number: BSCXW

Responsible Party

PLAZE INCORPORATED

9401 WATSON INDUSTRIAL PARK

ST. LOUIS , MO 63126

US

Emergency Phone: 314-961-3564

Info Phone: 314-645-5916

Preparer: JOHN FERRING IV

Cage: MO273

Contractor

PLAZE INCORPORATED

ST LOUIS, MO 63126

US

314-961-3564

Cage: MO273

Ingredients

METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: 94.57%

OSHA PEL350 PPM/450 STEL

ACGIH TLV: 350 PPM/450STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: 2.00%

OSHA PEL10000PPM/30000STEL

ACGIH TLV: 5000PPM/30000STEL;92

PROPRIETARY INHIBITOR PACKAGE(FROM DOW CHEM,USA)

Fraction By Weight: 4.5%

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT) = 10300 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION AND
TRANSCIENT CORNEAL DAMAGE.SKIN:MAY CAUSE IRRITATION.OVEREXPOSUREMAY
CAUSE DEFATTING AND DERMATITIS.INHAL:THIS ITEM IS RAPIDLY ABSORBED
BY THE LUNGS,CAUSING ASPHYXIATION.
Explanation of Carcinogenicity:1,1,1-TRICHLOROETHANE HAS BEEN STUDIED
BY IARC AND NTP,BUT THE RESULTS ARE INCONCLUSIVE.
Effects of Overexposure:INCOORDINATION AND IMPAIRED JUDGMENT MAY OCCUR
AT VAPOR EXPOSURES FROM 500-1000 PPM. DIZZINESS, DROWSINESS, AND
GENERAL ANESTHETIC EFFECTS MAY OCCUR IN RANGES OF 1000 PPM AND
HIGHER. IRRITATION, TRANS IENT CORNEAL DAMAGE TO THE EYES.
DEFATTING AND DERMATITIS TO THE SKIN.
Medical Cond Aggravated by Exposure:INCREASED SENSITIVITY TO ADRENALIN
MAY BE CAUSED BY OVER EXPOSURE.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE
ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
CALL A PHYSICIAN. EYE: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF
WATER FOR 15 MINU TES. GET MEDICAL ATTENTION. SKIN:
REMOVECONTAMINATED CLOTHING. WASH WITH SOAP AND WATER PROMPTLY.
INGESTION: DO NOT INDUCE VOMITING. GIVE MILK OR MINERAL OIL. GET
IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:TOC
Flash Point:NONE
Lower Limits:7.5
Upper Limits:15
Extinguishing Media:WATER FOG.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:AEROSOL CONTAINERS MAY EXPLODE VIOLENTLY
WHEN EXPOSED TO TEMPERATURES ABOVE 120 F OR DIRECT HEAT. WATER
SPRAY TO KEEP CONTAINERS COOL IN EVENT OF FIRE.

Accidental Release

Spill Release Procedures:SOAK UP SMALL SPILLS WITH AN INERT
ABSORBANTS;PLACE IN A METAL CONTAINER.PLACE OUTSIDE PENDING PROPER
DISPOSAL.PROVIDE VENTILATION FOR LARGE SPILLS;USE PROPER PROTECTIVE
EQUIPMENT;EVACUATE PERSONNEL;D IKE SPILL;TRANSFER LIQUID TO CLOSED
METAL CONTAINR
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE BELOW 120 F AND AWAY FROM
SOURCES OF HEAT. DO NOT PUNCTURE, INCINERATE OR COMPACT.
Other Precautions:AVOID PROLONGED CONTACT WITH ALUMINUM AND ZINC.

Exposure Controls

Respiratory Protection:FOR SPILLS AND ACCIDENTS,USE A SELF-CONTAINED
BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST
Protective Gloves:NITRILE
Eye Protection:USE CHEMICAL SAFETY GOGGLES.
Other Protective Equipment:CLOTHING TO PROTECT FROM SKIN EXPOSURE-AS NEEDED.
Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING, SMOKING OR USING TOILET FACILITIES. DO NOT BREATH VAPORS OR MIST.
Supplemental Safety and Health
NONE

Chemical Properties

HCC:V2
Boiling Pt:B.P. Text:165F,74C
Decomp Temp:Decomp Text:385F,196C
Vapor Pres:60-80
Vapor Density:4.55
Spec Gravity:1.32
Evaporation Rate & Reference:Solubility in Water:NEGLIG 0.07GM/100GM
Appearance and Odor:CLEAR LIQUID WITH SHARP CHLORINE SMELL
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
ALKALI METALS(EG. ALUMINUM AND ZINC POWDERED METALS).
Stability Condition to Avoid:HIGH TEMPERATURES.
Hazardous Decomposition Products:HYDROGEN CHLORIDE AND PHOSGENE FUMES.

Disposal

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS. DO NOT ALLOW TO REACH SEWER, STORM DRAINS OR GROUND WATER SYSTEMS. TOXIC TO AQUATIC LIFE.

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