

## **TRICHLOROETHANE, TECHNICAL**

### **MSDS Number**

CKZHQ

### **National Stock Number**

6810-00-664-0387

### **Product Name**

TRICHLOROETHANE, TECHNICAL

### **Manufacturer**

MALTER INTERNATIONAL BULK CHEMICAL DIV

### **Product Identification**

Product ID: TRICHLOROETHANE, TECHNICAL

MSDS Date: 02/01/1989

FSC: 6810

NIIN: 00-664-0387

Status Code: A

MSDS Number: CKZHQ

### **Responsible Party**

MALTER INTERNATIONAL BULK CHEMICAL DIVISION

80 FIRST STREET

GRETNAL, LA 70053

US

Emergency Phone: 999-999-9999

Info Phone: 504-362-3232, OR 800-535-4095

Preparer: ERNEST CARTER

Cage: 27978

### **Contractor**

MALTER INTERNATIONAL BULK CHEMICAL DIVISION

GRETNAL, LA 70053

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### **Ingredients**

1,1,1 TRICHLOROMETHANE (STABILIZED)

OSHA PEL350 PPM

### **Hazards**

Effects of Overexposure: INHALATION: MAJOR ROUTE OF EXPOSURE-LOW SYSTEMIC TOXICITY; ACUTE EXPOSURE IN THE 1000PPM RANGE CAUSE NARCOSIS. OVEREXPOSURE CAN CAUSE DIZZINESS, DRUNKENNESS AND DROWSINESS, UNCONSCIOUSNESS AND EVEN DEATH AT EXTREME DOSES. SKIN CONTACT/ABSORPTION: PROLONGED OR REPEATED SKIN CONTACT CAN CAUSE DERMATITIS THROUGH DEFATTING OF SKIN. INGESTION: UNLIKELY ROUTE OF EXPOSURE, INGESTION OF SMALL QUANTITIES IS NOT LIKELY TO BE TOXIC.

### **First Aid**

First Aid: EYES AND SKIN: REMOVE CONTAMINATED CLOTHING AND FLUSH EXPOSED

AREAS WITH WATER  
FOR 5 TO 15 MINUTES. INHALATION: REMOVE TO FRESH AIR . IF BREATHING HAS STOPPED,  
ADMINISTER RESPIRATION OR OXYGEN IF AVAILABLE. INGESTION: DO NOT INDUCE VOMITING.  
CALL PHYSICIAN AND OBTAIN MEDICAL ATTENTION.

## Fire Fighting

Flash Point Method:TCC  
Lower Limits:7.5%  
Upper Limits:15.0%  
Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE  
Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS SHOULD BE USED WHERE 1,1,1 TRICHLOROMETHANE IS STORED.  
Unusual Fire/Explosion Hazard:CONCENTRATED VAPORS CAN BE IGNITED BY HIGH INTENSITY HEAT SOURCE. DECOMPOSITION PRODUCES HYDROGEN CHLORIDE.

## Accidental Release

Spill Release Procedures:CLEN UP AREA (WEAR PROTECTIVE CLOTHING) BY MOPPING OR WITH ABSORBENT MATERIAL  
TRANSFER TO CLOSED CONTAINER.

## Handling

Handling and Storage Precautions:AVOID CONTACT WITH SKIN AND AVOID BREATHING VAPORS. PIPE VENTS OUTDOOR. STORE IN COOL, DRY, VENTILATED AREA. VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREA.  
Other Precautions:PREVENT MOIST AIR FROM ENTERING STORAGE. NO SMOKING IN PRESENCE OF VAPORS. CONTACT WITH ALUMINUM PARTS IN A PRESSURIZABLE FLUID SYSTEM MAY CAUSE VIOLENT REACTIONS.  
CONSULT EQUIPMENT SUPPLIER FOR FURTHER INFORMATION.

## Exposure Controls

Respiratory Protection:NONE REQUIRED WHEN USED WITH ADEQUATE VENTILATION.  
Ventilation:LOCAL EXHAUST: SUFFICIENT TO MAINTAIN BELOW PEL.  
Protective Gloves:NEOPRENE, VITRON, POLYVINYL ALCOHOL COATED GLOVES OR EQUIVALENT.  
Eye Protection:CHEMICAL SAFETY GOGGLES. CONTACT LENSES SHOULD NOT BE WORN.  
Other Protective Equipment:HEADGEAR & APRON WHEN SPLASHING IS A PROBLEM.  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:=-87.8C, 190.F  
Vapor Pres:(MM HG) @20°C 100  
Vapor Density:(AIR=1)4.6  
Spec Gravity:(H2O=1):1.3  
Evaporation Rate & Reference:(ETHER=1): 0.4  
Solubility in Water:0.07G/100G @ 25°C  
Appearance and Odor:COLORLESS CLEANLIQUID; MILDLY SWEET ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ALKALIES, OXIDIZING MATERIALS.  
Stability Condition to Avoid:CONTACT WITH OPEN FLAMES, HOT SURFACES OR ELECTRIC ARCS.  
Hazardous Decomposition Products:HYDROGEN CHLORIDE, PHOSGENE (SMALL AMOUNTS)

## Disposal

Waste Disposal Methods:RECOVERED LIQUIDS MAY BE SENT TO A LICENSED RECLAIMED OR INCINERATED. CONTAMINATED

ABSORBENT MATERIAL MUST BE DISPOSED OF IN A PERMITTED WASTE MANAGEMENT FACILITY.

CONSULT FEDERAL, STATE AND LOCAL DISPOSAL AUTHORITIES FOR APPROVED PROCEDURES.

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