

## **KONTACT RESTORER**

### **MSDS Number**

BKCDK

### **National Stock Number**

6520-00-241-3559

### **Product Name**

KONTACT RESTORER

### **Manufacturer**

CHEMTRONICS INC

### **Product Identification**

Product ID:KONTACT RESTORER

MSDS Date:06/01/1987

FSC:6520

NIIN:00-241-3559

MSDS Number: BKCDK

### **Responsible Party**

CHEMTRONICS INC

681 OLD WILLETS PATH

HAUPPAUGE , NY 11788

US

Emergency Phone: 516-582-3322

Info Phone: 516-582-3322

Preparer: S.H. STEIN, PH.D.

Cage: 2M589

### **Contractor**

CHEMTRONICS INC (CANCELLED USE 21267)

HAUPPAUGE, NY 11760

US

770-424-4888/800-645-5244

Cage: 2M589

### **Ingredients**

TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)

CAS: 75-69-4

RTECS: PB6125000

OSHA PEL1000 PPM

ACGIH TLV: C, 1000 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

Fraction By Weight: 3 - 5%

OSHA PEL5000 PPM

ACGIH TLV: 5000PPM/30000STEL;93

LUBRICANT (HYDROCARBON- CAS # 6742-55-8)

## Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:LIQUID CAN CAUSE

DISCOMFORT.SKIN:REPEATED CONTACT MAY CAUSE DEFATTING &

IRRITATION.INHALATION:VAPORS MAY CAUSE

SUFFOCATION,GIDDINESS,SHORTNESS OF BREATH,NARCOSIS,UNCONSCIOUSNESS

OR DEATH.OR AL:LOW TOXICITY.AVOID INGESTION.CHRONIC:NONE GIVEN.

Effects of Overexposure:SEE HEALTH HAZARDS SECTION.NOTE: IN SCREENING

TESTS WITH EXPERIMENTAL ANIMALS, EXPOSURE AT APPROXIMATELY 5,000

PPM (V/V) AND ABOVE, FOLLOWED BY A LARGE INTRAVENOUS EPINEPHRINE

CHALLENGE, HAS INDUCED SERIOUS CARDIAC IRREGULARITIES.

Medical Cond Aggravated by Exposure:CARDIOVASCULAR DISEASE

## First Aid

First Aid:GET MEDICAL ATTENTION.INHALATION:REMOVE TO FRESH AIR.GIVE

CPR/OXYGEN IF NEEDED.DON'T GIVE EPINEPHRINE.INGESTION:DON'T INDUCE

VOMITING.EYE:FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS

OPEN.SKIN:FLUSH WITH WATER.NOTE TO PHYSICIAN:BECAUSE OF POSSIBLE

INCREASE RISK OF ELICITING CARDIAC DYSRHYTHMIA,CATECHOLAMINE DRUGS

SHOULD BE CONSIDERED ONLY AS A LAST RESORT.

## Fire Fighting

Flash Point Method:TOC

Flash Point:NONE

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS MAY BE

REQUIRED IF AEROSOL CANS RUPTURE AND CONTENTS ARE SPILLED UNDER

FIRE CONDITIONS.

Unusual Fire/Explosion Hazard:PRESSURIZED AEROSOL CONTAINERS AT

ELEVATED TEMPERATURES MAY VENT,RUPTURE OR BURST AND ADD TO FLYING

AND FALLING DEBRIS.INTENSE HEAT MAY PRODUCE HALOGEN ACIDS.

## Accidental Release

Spill Release Procedures:VENTILATE AREA. REMOVE OPEN FLAMES OR RED HOT SURFACES. ALLOW TO EVAPORATE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORAGE-DO NOT STORE NEAR SOURCES OF HEAT,IN DIRECT SUNLIGHT OR >120F.DON'T PUNCTURE/DAMAGE CONTAINERS.

Other Precautions:ROTATE STOCK. AVOID EYES OR SKIN CONTACT. WASH WITH

SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET

FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

## Exposure Controls

Respiratory Protection:UNDER NORMAL MANUFACTURING CONDITIONS, NO

RESPIRATORY PROTECTION IS REQUIRED WHEN USING THIS PRODUCT.

SELF-CONTAINED BREATHING APPARATUS IS REQUIRED IF A LARGE SPILL

OCCURS. DO NOT SPRAY LIQUID ON SKIN.

Ventilation:NORMAL VENTILATION IS ADEQUATE.LOCAL EXHAUST SHOULD BE USED

WHEN LARGE AMOUNT IS RELEASED.USE MECHANICAL FOR LOW PLACES.

Protective Gloves:BUTYL

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR

FOOTWEAR.

Supplemental Safety and Health

## Chemical Properties

HCC:V2

Boiling Pt: =26.3C, 79.4F

Vapor Pres:36

Vapor Density:4.9

Spec Gravity:1.48

Evaporation Rate & Reference:0.10 (CCL4=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR COLORLESS LIQUID,FAINT SOLVENT ODOR

Percent Volatiles by Volume:96

## Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:AVOID HEAT AND OPEN FLAMES.

Hazardous Decomposition Products:HYDROCHLORIC AND HYDROFLUORIC  
ACIDS.NORMAL COMBUSTION MAY FORM CARBON DIOXIDE.

## Disposal

Waste Disposal Methods:ALLOW TO EVAPORATE. DO NOT PUNCTURE OR  
INCINERATE AEROSOL CANS. COMPLY WITH LOCAL, STATE AND FEDERAL  
REGULATIONS.

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