

## **PERCHLOROETHYLENE INDUSTRIAL**

### **MSDS Number**

BBGFC

### **National Stock Number**

6810-00F000239

### **Product Name**

PERCHLOROETHYLENE INDUSTRIAL

### **Manufacturer**

DOW CHEMICAL USA

### **Product Identification**

Product ID:PERCHLOROETHYLENE INDUSTRIAL

MSDS Date:02/17/1986

FSC:6810

NIIN:00F000239

MSDS Number: BBGFC

### **Responsible Party**

DOW CHEMICAL USA

MIDLAND , MI 48674

Emergency Phone: 517/636-4400

Info Phone: 517/636-4400

Cage: EO044

### **Contractor**

DOW CHEMICAL USA

MIDLAND, MI 48640-6030

US

800-258-2436

Cage: EO044

### **Ingredients**

PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)

CAS: 127-18-4

RTECS: KX3850000

Fraction By Weight: 99.9%

OSHA PEL100 PPM

ACGIH TLV: 25PPM/100,A3 STEL;94

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

### **Hazards**

LD50 LC50 Mixture:LD50 >1500MG/KG (RAT)

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 PAIN/SLIGHT TRANSIENT IRRITATION. SKIN: MAY CAUSE IRRITATION, EVEN A BURN. REPEATED CONTACT MAY CAUSE DRYING OR FLAKING. INGESTION: IF ASPIRATED , MAY BE RAPIDLY ABSORBED THROUGH THE L UNGS & RESULT IN INJURY TO OTHER BODY SYSTEMS. INHALATION: MAY CAUSE NASAL IRRITATION/NAUSEA/DRUNKENNESS.

Explanation of Carcinogenicity:NONE  
Effects of Overexposure:POSSIBLE ORGANIC INJURY FROM PROLONGED OR  
REAEATED EXPOSURES; IRRIT. CENTRAL NERV.SYST DEPRESSION

## First Aid

First Aid:EYES: IRRIGATION OF EYES FOR 5 MINUTES; SKIN: WASH OFF IN  
FLOWING WATER OR SHOWER 15 MINUTES. INHALATION: REMOVE TO FRESH AIR  
IF EFFECTS OCCUR. INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN  
OR TRA NSPORT TO EMERGENCY FACILITY.

## Fire Fighting

Flash Point:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:NON-FLAMMABLE MATERIAL  
Fire Fighting Procedures:WEAR GOGGLES & SELF CONTAINED BREATHING  
APPARATUS  
Unusual Fire/Explosion Hazard:PRESSURE DEMAND SELF-CONTAINED  
RESPIRATORY EQUIPMENT. NO AUTOIGNITION TEMPERATURE

## Accidental Release

Spill Release Procedures:SMALL LEAKS-MOP UP,WIPE UP, OR SOAK UP  
IMMEDIATELY. REMOVE TO OUT OF DOORS. LARGE SPILLS-EVACUATE AREA.  
CONTAIN LIQUID; TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF  
WATER SUPPLY.

## Handling

Handling and Storage Precautions:HANDLE WITH REASONABLE CARE AND  
CAUTION. AVOID BREATHING VAPORS. VAPORS ARE HEAVIER THAN AIR &ILL  
COLLECT IN LOW AREAS.  
Other Precautions:DO NOT ENTER AREAS WHERE VAPORS OF THIS PRODUCT ARE  
SUSPECTED UNLESS SPECIAL BREATHING APPARATUS IS USED AND AN  
OBSERVER IS ESENT FOR ASSISTANCE.

## Exposure Controls

Respiratory Protection:NIOSH APPROVED RESP PROTECTION REQUIRED IN  
ABSENCE OF PROPER CONTROL  
Ventilation:RECOMMEND CONTROL OF VAPORS TO SUGGESTED GUIDE  
Protective Gloves:NONE REQUIRED  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:NONE REQUIRED  
Supplemental Safety and Health

## Chemical Properties

Boiling Pt:B.P. Text:250F  
Vapor Pres:13  
Vapor Density:5.76  
Spec Gravity:1.619  
Evaporation Rate & Reference:2.8 (BU AC=1)  
Solubility in Water:0.015  
Appearance and Odor:COLORLESS LIQUID

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS,CHEMICALLY ACTIVE METALS:BA,LI,BE  
Stability Condition to Avoid:OPEN FLAMES,WELDING ARCS,OTHER HIGH  
TEMPERATURES.  
Hazardous Decomposition Products:HYDROGEN CHLORIDE, SMALL AMTS OF  
PHOSGENE AND CHLORINE

## Disposal

Waste Disposal Methods:SEND SOLVENT TO LICENSED RECLAIMER,  
INCINERATION, EVAPORATION OF VERY SMALL QUANTITIES, OR APPROVED  
LANDFILL BURIAL IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL  
REGULATION. DUMPING INTO SEWERS,ON THE G ROUND, OR INTO ANY BODY OF  
WATER IS DISCOURAGED.

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