

PPG INDUSTRIES INC CHEMICAL DIVISION -- PERCHLOR,PERCHLORETHYLENE --
6810-01-097-2020

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

Product ID:PERCHLOR,PERCHLORETHYLENE

MSDS Date:06/01/1988

FSC:6810

NIIN:01-097-2020

MSDS Number: BGLQT

=== Responsible Party ===

Company Name:PPG INDUSTRIES INC CHEMICAL DIVISION

Address:ONE GATEWAY CENTER

City:PITTSBURGH

State:PA

ZIP:15222-1416

Country:US

Info Phone Num:412-434

-3131

Emergency Phone Num:304-843-1300

CAGE:93915

=== Contractor Identification ===

Company Name:PPG INDUSTRIES INC CHEMICAL DIVISION

Address:ONE GATEWAY CENTER

City:PITTSBURGH

State:PA

ZIP:15222-1416

Country:US

Phone:304-843-1300

CAGE:93915

Company Name:SHIELDING SYSTEMS CORP

CAGE:49942

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

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)

CAS:127-18-4

RTECS #:KX3850000

Fraction by Wt: >99.0%

Other REC Limits:50 PP

M
OSHA PEL:100 PPM
ACGIH TLV:25PPM/100,A3 STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 4000 PPM (4 HOURS)
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF
EYES,SKIN,RESPIRATORY AND G.I.TRACT;CNS EFFECTS LIKE
HEADACHE,DIZZINESS,NAUSEA,VOMITING AND POSSIBLE UNCONCIOUSNESS;PAIN
IN EYES AND PNEUMONIA CHRONIC:DRYING OF SKIN
OR DERMATITIS;PULMONARY EDEMA;IRRITATION;LIVER AND KIDNEY DISEASES
Explanation of Carcinogenicity:DATA PER MSDS ;HAS CAUSED CANCER IN
CERTAIN LABORATORY ANIMALS.
Effects of Overexposure:SEE HEALTH HAZARDS DATA
Medical Cond Aggravated by Exposure:DAMAGE TO LIVER,KIDNEY,CARDIAC
IRREGULARITY.

===== First Aid Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:WATER,DRY CHEMICAL OR CO*2(FOR FIRES INVOLVING
PERCHLOROETHY
Fire Fighting Procedures:PRESSURE-DEMAND SELF-CONTAINED BREATHING
APPARATUS(EXPOS.HCL
Unusual Fire/Explosion Hazard:PERCHLOR INVOLVED IN FIRES CAN DECOMPOSE
TO HCL & TRACES OF PHOSGENE.

===== Accidental Release Measures =====

Spill Release Procedures:COLLECT LEAKING LIQUID IN SEALABLE
CONTAINERS,ABSORB SPILL IN SAND OR INERT ABSORBENT & REMOVE TO SAFE
PLACE.IMMED.EVACUATE AREA & PROVIDE MAX.VENTILATION

N.ONLY PERSONNEL

EQUIPPED W/PROPER PROTECT.WILL BE ALLOWED IN AREA.FLUSH AREA
W/H*2O.

Neutralizing Agent:NOT SPECIFIED BY THE MFR

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT
CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID
PROLONGED OR REPEATED BREATHING OF VAPOR. AV
OID CONTACT WITH EYES.

USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. FOR
INDUSTRIAL USE ONLY.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC
VAPORS/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.
LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:NEOPRENE, NITRILE, VPC OR NATU
RAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Health

EFFECTS OF OVEREXPOSURE:MAY DAMAGE LIVER & KIDNEYS UPON PROLONGED OR
REPEATED INHALATION OF VAPOR,CARDIAC
IRREGULARITY,VOMITING
,DIARRHEA,BLOODY EXCREMENT.

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

HCC:T4

Boiling Pt:B.P. Text:250F/121C

Vapor Pres:14

Vapor Density:5.83

Spec Gravity:1.6

pH:7-8.4

Evaporation Rate & Reference:0.09 (ETHYLETHER =1)

Solubility in Water:0.015%

Appearance and Odor:CLEAR,COLORLESS LIQUID WITH ETHER-LIKE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

FINELY DISPERS

ED LIGHT METALS & ZINC.

Stability Condition to Avoid:AVOID OPEN FLAMES,HOT GLOWING
SURFACES,ELECTRIC ARCS.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,AND
OTHER UNIDENTIFIED TOXIC VAPORS;HCL OR TRACES OF PHOSGENE

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES ;DISPOSAL MUST BE IN
ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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