

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

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===== 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:412-43

4-3131

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

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===== 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 P

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

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===== 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.

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===== 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.

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===== 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.

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===== 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.VENTILATI

ON.ONLY PERSONNEL

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

Neutralizing Agent:NOT SPECIFIED BY THE MFR

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Handling and Storage
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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. A
VOID CONTACT WITH EYES.

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

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Exposure Controls/Personal Protection
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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 NAT
URAL 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,VOMITIN
G,DIARRHEA,BLOODY EXCREMENT.

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Physical/Chemical Properties
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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

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

FINELY DISPER

SED 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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