

DIV.INDUSTRIAL CHEMICALS & SOLVENTS -- PERCHLOROETHYLENE -- 6810-01-097-2020

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

Product ID:PERCHLOROETHYLENE

MSDS Date:03/01/1986

FSC:6810

NIIN:01-097-2020

MSDS Number: BGLQP

=== Responsible Party ===

Company Name:DIV.INDUSTRIAL CHEMICALS & SOLVENTS

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-3333

Emergency Phone Num:606-324-1133

CAGE

:MO907

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

Company Name:DIV.INDUSTRIAL CHEMICALS & SOLVENTS

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Phone:614-790-3333

CAGE:MO907

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

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)

CAS:127-18-4

RTECS #:KX3850000

Fraction b

y Wt: 100.0%
OSHA PEL:100 PPM
ACGIH TLV:25PPM/100,A3 STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES
Health Hazards Acute and Chronic:ACUTE:SEVERE EYE
IRRITATION,REDNESS,TEARING,BLURRED VISION.
SKIN:IRRITATION,DEFATTING,DERMATITIS. BREATHING:NASAL & RESPIRATORY
IRRITATION,CNS
DEPRESSION,DIZZINESS,WEAKNESS,NA
USEA,HEADACHE;INGESTION:I
RRITATION,NAUSEA,VOMITING & DIARRHEA.
CHRONIC:LIVER,KIDNEY,BRAIN,LUNG DAMAGE.
Explanation of Carcinogenicity:SUSPECTED ANIMAL CARCINOGEN.
Effects of
Overexposure:EYES,SKIN:IRRITNT.INHALE:NASAL,RESPIR.IRRITNT,DIZZY,WEA
K,NAUS,HEADACH,INGEST:IRRITNT,NAUS,VOMIT,DIARR
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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

First Aid:SKIN:WASH W.SOAP & WATER.EYES:FLU
SH W.LG AMTS
WATER.INGEST:GIV 2 GLASSES WATER,INDUCE VOMITNG.INHALE:REMOVE TO
FRESH AIR,,GIVE CPR/OXYGEN IF NECESSARY,KEEP PERSON WARM,QUIET &
GET DR.

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

Extinguishing Media:WATER FOG
Fire Fighting Procedures:USE H*2O TO COOL FIRE-EXPOSD CONT.SELF-CONTND
RESPIRA:POS.PR
Unusual Fire/Explosion Hazard:SPARKS MAY CAUSE EXPLOSION. EMITS
CO*2,CO,HCL,PHOSGENE,VARIOUS HYDROCARBONS.

===== Accidental Rel

ease Measures =====

Spill Release Procedures:SM.SPILL:ABSORB ON PAPER VERMICULITE,FLOOR
ABSORBENT & TRANSFER TO HOOD.LG SPILL:EXCLUDE UNPROTECTED
PEOPLE.STOP SPILL,DIKE,PUMP TO SALVAGE TANK.ABSORB REMAINS
W.SAND,CLAY,EARTH,FLOOR ABSORB& SHOVEL I NTO CONTAINERS.

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

Handling and Storage Precautions:CONTAINERS HAZARDOUS WHEN EMPTY(RETAIN
PRODUCT RESIDUES).ALL HAZARD PRECAUTIONS MUST BE OBSERVED.

Other

Precautions:NCI BIOASSAY CONCLUDED MATL.IS CARCINOGEN ORALLY IN
MICE,CAUSES LIVER PROBLEMS,OVEREXPOSURE SUGGESTED AS CAUSING LIVER
ABNORMALITIES;DAMAGE TO KIDNEY,LUNG,BRAIN,SPLEEN IN HUMANS.

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

Respiratory Protection:NIOSH/MESA APPROVED SELF-CNTND BRTHG APP (POS
PRESSURE MODE)

Ventilation:MECHANICAL(GEN)/LOCAL EXHAUST TO KEEP EXPOSURE BELOW TLV.

Protective Gloves:RESISTANT:PVC

Eye Protection:CHEM SPLASH GOGGLES

Other

Protective Equipment:IMPERVIOUS CLOTHES/BOOTS TO PREVENT
PROLONGED SKIN CONTACT.

Supplemental Safety and Health

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

HCC:T4

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

Vapor Pres:13.0

Vapor Density:5.7

Spec Gravity:1.622

Evaporation Rate & Reference:2.8 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS LIQUID,ETHER-LIKE ODOR

Percent Volatiles by Volume:100

===== Stability and Reactivity Data

=====

Stability Indicator/Materials to Avoid: YES
AVOID CONTACT W. STRONG ALKALIES
Stability Condition to Avoid: NO WELDING/CUTTING TORCH NEAR DRUM EVEN IF
EMPTY.
Hazardous Decomposition Products: CO₂, CO, HCL, PHOSGENE, VARIOUS
HYDROCARBONS

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

Waste Disposal Methods: SM. SPILL: EVAPORATE IN HOOD. BURN REMAINS IN IRON
PAN. LG. SPILL: DESTROY BY LIQUID INCINERATION W. OFF GAS
SCRUBBER. CONTAMINATED ABSORBENT MAY BE LANDFILLED IN ACCORDANCE
WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.