

OCTAGON PROCESS INC. -- PERCHLOROETHYLENE -- 6810-01-097-2020
===== Product Identification =====

Product ID:PERCHLOROETHYLENE
MSDS Date:01/01/1987
FSC:6810
NIIN:01-097-2020
MSDS Number: BGLQQ
=== Responsible Party ===
Company Name:OCTAGON PROCESS INC.
Address:596 RIVER ROAD
City:EDGEWATER
State:NJ
ZIP:07020-1105
Country:US
Info Phone Num:201-945-9400
Emergency Phone Num:201-945-9400
CAGE:82925

==
= Contractor Identification ===
Company Name:OCTAGON PROCESS INC.
Address:596 RIVER ROAD
Box:City:EDGEWATER
State:NJ
ZIP:07020
Country:US
Phone:201-945-9400
CAGE:82925

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

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)
CAS:127-18-4
RTECS #:KX3850000
Fraction by Wt: 100%
OSHA PEL:100 PPM
ACGIH TLV:25PPM/100,A3 STEL;94
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

=====

Effects of Overexposure:INHAL:CNS

DEP,IRRIT,DIZZ,NAUSEA,HEADACHE,UNCONSC,DEATH: DKIN/EYES:IRRIT;
INGEST:IRRIT,VOMIT,NAUSEA

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

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR, IF BRTHNG
DIFF GIVE OXYGEN. CONTACT:IMMED FLUSH EYES W/PLENTY OF WATER, WASH
SKIN W/SOAP & WATER. RMV CONTAM CLTHG & SHOES. INGEST: DO NOT
INDUCE VOMITI NG. GIVE LG AMT OF WATER, SEE SUPP DATAFOR CONT.

=====

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

Flash Point:NONE

Fire Fighting Procedures:NIOSH/MSHA APPROVED SCBA FOR HYDROGEN CHLORIDE
AND PHOSGENE.

Unusual Fire/Explosion Hazard:DECOMPOSITION PRODUCTS OF HYDROGEN
CHLORIDE & PHOSGENE GAS CAN EVOLVE FROM FIRE EXPOSURE.

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

Spill Release Procedures:IMMED EVAC AREA. VENTILATE. USE SCBA. DIKE
AREA TO CONTAIN IF NECESSARY. PREVENT CONTAM OF GROUND AND SURFACE

WATERS, RECOV W/ADSORB & SWEEP INTO CLOSED CONTAIN FOR DISPOSAL.
WET VACUUM AFTER VISIBLE MATL RMV'D. DO NOT FLUSH TO SEWER.

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

Handling and Storage Precautions:KEEP CONTAIN CLOSED. STORE IN WELL
VENT AREA. AVOID EXCESSIVE HEAT, SPARKS OR OPEN FLAME. AVOID CONTAM
OF WATER SUPPLIES.

Other Precautions:DO NOT BRTH VAPORS. LONG TERM EXP MAY CAUSE
LIVER/KIDNEY INJURY. MAY CAUSE DERMATITIS ON REPEAT SKIN CONTACT.

INGEST MAY CAUSE INJURY OR DEATH. DO NOT EAT OR DRINK OR SMOKE IN
WORK AREAS.

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

Respiratory Protection:ORGANIC VAPOR CHEM CART OR CANISTER FOR >TLV
SCBA FOR EMERG, ETC.

Ventilation:LOCAL EXHAUST TO ELIMINATE MISTS/FUMES/GASES.

Protective Gloves:VITON, VINYL

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:BOOTS, APRONS OR CHEMICAL SUITS AS REQD
I/AW 29CFR 1910.132

Supplemental Safety and Health

MSDS D

ATED DECEMBER, 1984 FIRST AID CONT.:NOTHING BY MOUTH IF UNCONSC.
GET MED ATTN.

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

HCC:T4
Boiling Pt:B.P. Text:250F/121C
Vapor Pres:14
Vapor Density:5.8
Spec Gravity:1.6
Evaporation Rate & Reference:11 (ETHYL ETHER=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
NONE
Stability Condition to Avoid:AVOID OPEN FLAMES, HOT GLOWING SURFACES OR
ELECTRIC ARCS.
Hazardous Decomposition Products:HYDROGEN CHLORIDE & PHOSGENE GAS

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

Waste Disposal Methods:CONTAMIN ABSORBANT SHALL BE DISPOS OF IN PERMIT
HAZ WASTE MGMT FAC. RECOV LIQUID MAY BE REPROCESSED OR INCIN'D OR
TREATED BY ABOVE FAC. DISPOSAL SHALL BE I/A/W ALL LOCAL, STATE &
FEDERAL REGULATIONS. RCRA HAZ
WASTE # U-210

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
par

ticular situation.