

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 =====

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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.

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===== 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/A/W 29CFR 1910.132

Supplemental Safety and Health

MSDS

DATED 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 Indicato  
r/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 HA  
Z WASTE # U-210

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