

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.