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 DA

TED 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/M
aterials 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 W
ASTE # U-210

icular situation.