DEPTS. 246/259

Department Hazardous Chemical Information

name	characteristics	hazard	symptoms	first aid	handling instructions
CHLORINE	GREENISH-YELLOW GAS WITH PUNGENT, IRRITATING ODOR. IN EITHER LIQUID OR GASEOUS STATE, IT IS NON-FLAMMABLE AND NON-EXPLOSIVE.	SKIN IRRITANT EYE IRRITANT RESPIRATORY CONGESTION. SEVERE EXPOSURE WILL CAUSE DEATH. CONCENTRATIONS OF 1000 PPM FOR 1/2 HOUR TO 1 HOUR CAN BE FATAL.	1. INHALATION - CAUSES COUGHING, DISCOMFORT IN THE CHEST, HOARSE COUGH, NAUSEA, AND VOMITING. 2. EYE CONTACT - CAUSES SMARTING AND IRRITATION. 3. SKIN CONTACT - CAUSES LOCAL IRRITATION AND/OR MINOR BURNS.	1. INHALATION - REMOVE MAN QUICKLY FROM AREA. APPLY BREATHING AIR OR ARTIFICIAL RESPIRATION IF NOT BREATHING OR HAVING DIFFICULTY IN BREATHING. KEEP MAN AND LYING DOWN IF POSSIBLE. GIVE MAN 1-2 GLASSES OF MILK TO SETTLE STOMACH. BRONCHIAL DILATOR PILLS WILL ASSIST BREATHING. 2. EYE CONTACT - RINSE WITH WATER (LIDS OPEN) FOR 15 MINUTES. 3. SKIN CONTACT - FLUSH WITH WATER.	WHEN CHANGING CHLORINE TANK CARS USE GAS MASK AND GLOVES.
ETHERYL	WHITE FLAKES OR SOLID OFF-WHITE MASS AT ROOM TEMPERATURE; WATER-WHITE TO STRAW-COLORED LIQUID WHEN ABOVE 69°C.; MEDICINAL SWEET ODOR.	EYE IRRITANT AND RESPIRATORY IRRITANT, ESPECIALLY VAPORS FROM MOLTEN FORM. NORMAL LEVEL IN WORKING AREA SHOULD NOT BE ABOVE 1 mg. PER m³ AIR (ABOUT 0.2 PPM). CAN ABSORB THROUGH SKIN. WILL CAUSE THERMAL BURN WHEN MOLTEN.	1. EYE CONTACT - CAUSES SMARTING & IRRITATION. 2. INHALATION - CAUSES COUGHING, CHOKING. 3. SKIN CONTACT - CAUSES IRRITATION AND/OR BURNS.	1. EYE CONTACT - RINSE WITH WATER FOR 15 MINUTES. REPORT TO DISPENSARY. 2. REMOVE PERSON FROM AREA OF VAPORS. INHALE SALTS IF INADEQUATE. GIVE ADDITIONAL BREATHING AIR IF NEEDED. 3. SKIN - FLUSH WITH WATER.	EXTREMELY IF HANDLED MOLTEN IN DEPT. 246. WEAR GLOVES AND GOGGLES WHEN UNLOADING TANK CAR. AVOID BREATHING FUMES.
FERRIC CHLORIDE	BLACK, FINE GRANULAR SOLID	DUST IS EYE IRRITANT AND RESPIRATORY IRRITANT; VERY LOW PROBABILITY OF BECOMING A HAZARD.	IRRITATION, COUGHING	FLUSH EYES WITH WATER, GET OUT OF DUST.	STORE IN CLOSED CONTAINER BECAUSE IT ABSORBS WATER AND RELEASES HEAT. WEP FERRIC CHLORIDE WILL NOT CONTAINER HYDROXYL CHLORINATION.
LIME	WHITE ALKALINE POWDER. GENERATES HEAT IN CONTACT WITH WATER (SLAKING).	CHEMICAL BURNS; EYE DAMAGE; INHALATION IRRITANT.	CHEMICAL BURNS TO SKIN EITHER IN SOLID FORM OR SOLUTION. EYE DAMAGE - DUST OR SOLUTION CAN CAUSE IRRITATION OF THE EYES. INHALATION IRRITATES THE MUCOUS MEMBRANES.	FLUSH IN REMOVING FROM BODY IS MOST IMPORTANT. FLUSH WITH LARGE QUANTITIES OF WATER. REMOVE CLOTHING INCLUDING SHOES IF NECESSARY. IF EYES ARE AFFECTED, FLUSH WITH WATER FOR 15 MINUTES. IF LARGE QUANTITIES ARE INHALED, DRINK LARGE QUANTITIES OF WATER. CALL DOCTOR IF IRRITATION PERSISTS OR EYES ARE AFFECTED.	WEAR RUBBER GLOVES AND GOGGLES.
PUMICE	LIGHT-WEIGHT, BROWN, POROUS, INERT GRANULAR SOLID.	EYE IRRITANT (PHYSICAL, NOT CHEMICAL)	EYE IRRITATION AS FROM DUST	FLUSH EYES WITH WATER.	WEAR EYE PROTECTION
SILICEOUS EARTH	INERT, TAN-COLORED POWDER.	EYE IRRITANT (PHYSICAL, NOT CHEMICAL)	EYE IRRITATION AS FROM DUST.	FLUSH EYES WITH WATER.	WEAR EYE PROTECTION
NITROGEN GAS (N_2)	COLORLESS GAS	NON-TOXIC, NITROGEN IS AN INERT GAS. BREATHING ONLY NITROGEN WILL CAUSE ASPHYXIATION (DEATH).	DIZZINESS, HEADACHES, LOSS OF CONSCIOUSNESS, FINALLY DEATH.	REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR BREATHING AIR IF NECESSARY.	AVOID BREATHING GAS, PROVIDE GOOD VENTILATION.
TRICHLORO-ETHYLENE (TCE)	WATER-WHITE LIQUID; STRONG ORGANIC CHEMICAL ODOR.	SKIN IRRITANT, INHALATION IRRITANT.	SKIN IRRITATION, CAUSES LOSS OF HAIR ON EXPERIMENTAL ANIMALS. BURNING SENSATION WHEN FUMES ARE INHALED.	WASH SKIN WITH SOAP AND WATER; CHANGE CLOTHES IF CONTAMINATED. GET OUT OF VAPORS.	WEAR GLOVES AND EYE PROTECTION.
TRI-CHLORO-ETHYLENE (TRCE)	WATER-WHITE LIQUID; STRONG ORGANIC CHEMICAL ODOR.	SKIN IRRITANT. INHALATION IRRITANT.	SKIN IRRITATION CAUSES LOSS OF HAIR ON EXPERIMENTAL ANIMALS. BURNING SENSATION WHEN FUMES ARE INHALED.	WASH SKIN WITH SOAP AND WATER; CHANGE CLOTHES IF CONTAMINATED. GET OUT OF VAPORS.	WEAR GLOVES AND EYE PROTECTION.
METHYL PHENYL ETHER	VISCOUS LIQUID	SKIN IRRITANT; CAN CAUSE SEVERE RASH.	REDNESS, SWELLING OF CONTACTED AREA IF NOT REMOVED FROM SKIN.	WASH THOROUGHLY WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS ARE ALREADY PRESENT, REPORT TO DISPENSARY.	WEAR RUBBER GLOVES, EYE PROTECTION.
VINYL BROMIDE	VISCOUS LIQUID	SKIN IRRITANT; CAN CAUSE SEVERE RASH.	REDNESS, SWELLING OF CONTACTED AREA IF NOT REMOVED FROM SKIN.	WASH THOROUGHLY WITH SOAP AND WATER, REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS ARE ALREADY PRESENT, REPORT TO DISPENSARY.	WEAR RUBBER GLOVES, EYE PROTECTION.

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name	characteristics	hazard	symptoms	first aid	handling instructions
INTERMEDIATES & BY-PRODUCTS:					
CHLOR ANTHRANILIC ACID	PURPLISH TO BLACK OILY LIQUID, PETROLEUM-LIKE ODOR, USUALLY HANDLED HOT; CONTAINS LESS THAN 0.05% UNDISSOLVED PHENYL CHLORIDE.	INHALATION IRRITANT (HOT VAPORS). THERMAL BURNS.	COUGHING, IRRITATING TO BREATHE. REDNESS AS FOR ANY OTHER THERMAL BURN.	GET OUT OF VAPORS. WASH AREA TO REMOVE AROCLOR AND TREAT AS ANY OTHER BURN.	WEAR RUBBER GLOVES, EYE PROTECTION
HYDROGEN CHLORIDE (HCL)	COLORLESS GAS; STRONGLY CORROSIVE; NON-FLAMMABLE. READILY DISSOLVES IN WATER TO FORM AN ACID.	IRRITANT TO EYES AND RESPIRATORY TRACT. CHEMICAL BURNS TO SKIN. THE ACID COMBINES WITH MANY METALS AND RELEASES EXPLOSIVE HYDROGEN GAS.	IRRITATION TO EYES, SKIN AND THROAT.	FLUSH EYES WITH WATER FOR 15 MINUTES. FLUSH CONTACTED AREA WITH WATER. REPORT TO DISPENSARY.	AVOID BREATHING HCl VAPORS OR CONTACT WITH SKIN. USE SUPPLY AIR FAN WHEN IN CONTAMINATED AREA.
BENZENE SOLUBLE:					
ARO-1260 CHLOROPEN #1 AROCLOR 1260	WATER-WHITE OILY LIQUIDS; CHLORINATED BIPHENYLS AND SOME UNCHLORINATED BIPHENYL. FLASH POINT LOWER THAN THOSE PRODUCTS THAT ARE CHLORINATED BIPHENYLS ONLY.	INHALATION IRRITANT (HOT VAPORS). THERMAL BURNS.	COUGHING, IRRITATING TO BREATHE. REDNESS AS FOR ANY OTHER THERMAL BURN.	GET OUT OF VAPORS. WASH AREA TO REMOVE AROCLOR AND TREAT AS ANY OTHER BURN.	WEAR RUBBER GLOVES, EYE PROTECTIO
AROCLORS (#15) 1016 1232 1240 1254 1260 1262	WATER-WHITE OILY LIQUIDS; CHLORINATED BIPHENYLS; VISCOSITY INCREASES WITH DEGREE OF CHLORINATION.	INHALATION IRRITANT (HOT VAPORS) THERMAL BURNS.	COUGHING, IRRITATING TO BREATHE. REDNESS AS FOR ANY OTHER THERMAL BURN.	GET OUT OF VAPORS. WASH AREA TO REMOVE AROCLOR AND TREAT AS ANY OTHER BURN.	WEAR RUBBER GLOVES, EYE PROTECTIO
[illegible], #1-2 PB-1460 THRU.. [illegible] 54661EF (#16)	WATER-WHITE OILY LIQUID; BLENDS OF AROCLORS AND CHLOROBENZENES	INHALATION IRRITANT (HOT VAPORS) THERMAL BURNS. SOMEWHAT MORE IRRITATING THAN AROCLORS BECAUSE CHLOROBENZENES ARE [illegible].	COUGHING, IRRITATING TO BREATHE. REDNESS AS FOR ANY OTHER THERMAL BURN.	GET OUT OF VAPORS. WASH AREA TO REMOVE AROCLOR AND TREAT AS ANY OTHER BURN.	WEAR RUBBER GLOVES, EYE PROTECTIO
THERMINOL ALUMINUM FERRULE ALUMINUM THERMINOL FRO THERMINOL 70/XP	WATER-WHITE OILY LIQUID; BLENDS OF AROCLORS, CHLOROBENZENES, AND ETHERS CALLED: THERMINOL FRO, THERMINOL 60/XP OR UNDE EPOXIDE.	INHALATION IRRITANT (HOT VAPORS) THERMAL BURNS. SOMEWHAT MORE IRRITATING THAN #15 OR #16 (ABOVE) BECAUSE THE CHLORIDE SCAVENGER IS [illegible].	COUGHING, IRRITATING TO BREATHE. REDNESS AS FOR ANY OTHER THERMAL BURN.	GET OUT OF VAPORS. WASH AREA TO REMOVE AROCLOR AND TREAT AS ANY OTHER BURN.	WEAR RUBBER GLOVES, EYE PROTECTIO
THERMINOL 54601 OR	WATER-WHITE OILY LIQUID; BLEND OF AROCLOR AND ALKYLVINYL PHENYL ETHER.	INHALATION IRRITANT (HOT VAPORS) THERMAL BURNS. SOMEWHAT MORE IRRITATING THAN AROCLORS BECAUSE THE CHLORIDE SCAVENGER IS [illegible].	COUGHING, IRRITATING TO BREATHE. REDNESS AS FOR ANY OTHER THERMAL BURN.	GET OUT OF VAPORS. WASH AREA TO REMOVE AROCLOR AND TREAT AS ANY OTHER BURN.	WEAR RUBBER GLOVES, EYE PROTECTIO
[illegible]	BROWN TO BLACK VISCOUS LIQUID; HANDLED AT TEMPERATURES UP TO 300°C. A SOLID AT AMBIENT TEMPERATURES.	VAPORS ARE A RESPIRATORY IRRITANT; THERMAL BURN HAZARD.	COUGHING, IRRITATION; THERMAL BURN.	GET OUT OF VAPORS; TREAT AS ANY OTHER BURN.	USE RESPIRATOR WHEN AROUND VAPORS; USE GLOVES, EYE PROTECTIO & HANDLE WITH EXTREME CARE WHEN MOLTEN.

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