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MATERIAL SAFETY DATA SHEET

ELECTRO

SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION
HMIS:

WHMIS CLASS A, D-1A
HEALTH 2, FLAMMABILITY 0, REACTIVITY 1,
PERSONAL PROTECTION B
MIXTURE
NOT APPLICABLE
ELECTRONIC CLEANER

CHEMICAL FORMULA
MOLECULAR WEIGHT
MATERIAL USE

SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT
APPROX. CONCENTRATION %
CAS
EXPOSURE LIMITS
LD50/LC50/SPECIES/ROUTE

ETHYLENE TRICHLORIDE
60-100
1717-00-6
NOT AVAILABLE
NOT AVAILABLE

HAZARDOUS INGREDIENT
APPROX. CONCENTRATION %
CAS
EXPOSURE LIMITS
LD50/LC50/SPECIES/ROUTE

CARBON DIOXIDE
20-80
124-38-9
500 PPM
NOT AVAILABLE

SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE
ODOUR AND APPEARANCE
ODOUR THRESHOLD (PPM)
SPECIFIC GRAVITY
VAPOUR PRESSURE (MM)
VAPOUR DENSITY (AIR =1)
EVAPORATION RATE
BOILING POINT (°C)
SOLUBILITY IN WATER (20°C)
% VOLATILE (BY VOL.)
PH

AEROSOL
SOLVENT ODOUR, CLEAR LIQUID
NOT AVAILABLE
1.4-1.5
90
HEAVIER THAN AIR
SLOWER THAN ETHER
150-180°F
INSOLUBLE
NOT AVAILABLE
NOT APPLICABLE

SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY

NON-FLAMMABLE

MEANS OF EXTINCTION SPECIAL PROCEDURES	WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE MODE. USE WATER SPRAY TO KEEP CONTAINERS COOL.
FLASHPOINT (°C) AND METHOD	NOT APPLICABLE
UPPER EXPLOSION LIMIT (% BY VOL.)	NOT APPLICABLE
LOWER EXPLOSION LIMIT (% BY VOL.)	NOT APPLICABLE
HAZARDOUS COMBUSTION PRODUCTS	NOT KNOWN

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	STRONG OXIDIZERS, ALUMINUM AND ZINC POWDERS, STRONG ALKALIES.
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN CHLORIDE, PHOSGENE.

SECTION 6 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT	Y/N	Y
ROUTE OF ENTRY EYE CONTACT	Y/N	Y
ROUTE OF ENTRY INHALATION	Y/N	Y
ROUTE OF ENTRY INGESTION	Y/N	Y

EFFECTS OF ACUTE EXPOSURE SKIN IRRITANT, WILL CAUSE DEFATTING OF THE SKIN. EYE
IRRITANT. EFFECTS OF INHALATION OVEREXPOSURE INCLUDE
IRRITATION OF RESPIRATORY TRACT, HEADACHE, DIZZINESS,
NAUSEA AND LOSS OF COORDINATION. ASPIRATION HAZARD IF
SWALLOWED.

EFFECTS OF CHRONIC EXPOSURE	NONE KNOWN
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	N
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENCITY Y/N	N
MUTAGENICITY Y/N	N

SECTION 7 PREVENTIVE MEASURES

GLOVES	RUBBER
EYEWEAR	SAFETY GLASSES OR GOGGLES
FOOTWEAR	NORMAL FOOTWEAR
CLOTHING	WEAR IMPERVIOUS PROTECTIVE CLOTHING.
ENGINEERING CONTROLS	GOOD VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.
LEAK AND SPILL PROCEDURE	SPILLS CAN BE HANDLED ROUTINELY. MAY BE ABSORBED WITH DIATOMACEOUS EARTH OR CLAY. COLLECT FOR RECOVERY OR DISPOSAL.
WASTE DISPOSAL	CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.
STORAGE REQUIREMENTS	KEEP IN A COOL WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT PUNCTURE, INCINERATE, STORE THE CONTAINER AT TEMPERATURES ABOVE 49°C (120°F) OR IN DIRECT SUNLIGHT.

SECTION 8 FIRST AID MEASURES

SKIN	THOROUGHLY WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK
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EYE	MEDICAL ATTENTION. IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 20 MINUTES, KEEPING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
INHALATION	REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.

VALIDATED BY YORK CHEMICAL TECHNOLOGIES INC ON 30/04/2010.

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