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DATE OF ISSUE
10/06/85SUPERSEDES
10/06/85

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS
N/ATRADE NAME & SYNONYMS
TEL-X AEROSOLCHEMICAL FAMILY
TELOMERFORMULA
X<--MIXTUREMANUFACTURERS NAME:
NATIONAL CHEMSEARCH DIV. OF NCH CORP.ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE)
BOX 152170
IRVING, TEXAS 75015PREPARED BY:
DON POKRAS/T.S.CHEMISTPRODUCT CODE NUMBER
5063EMERGENCY TELEPHONE NUMBER
214-438-4144
EXT. 013

SECTION II- HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL
COMPONENTS AS THE PRODUCT MIXTURE HAS NOT BEEN TESTED
AS A WHOLE.

CHEMICAL NAME (INGREDIENTS)	HAZARD	TLV*	PEL*	CAS#
1,1,1-TRICHLOROETHANE	IRRITANT	350PPM 1	354PPM 1	71-55-6

SECTION III - PHYSICAL DATA

BOILING PT. (FAHRENHEIT)	N/A	SPEC GRAVITY (H2O=1)	1.40
VAPOR PRESSURE (MM HG)	N/A	COLOR	WHITE
VAPOR DENSITY (AIR=1)	N/A	ODOR	CHLORINATED HYDROCAR
PH @ 100%	N/A	CLARITY	HAZY

TEL-X AEROSOL

(CONTINUED)

SECTION III - PHYSICAL DATA

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PERCENT VOLATILE BY VOLUME (%)	95	EVAPORATION RATE (BU AC = 1)	< 1
SOLUBILITY IN WATER	NEGLEGIBLE		
VISCOSITY	NON-VISCOUS		

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED)	NON-FLAM	FLAMMABLE LIMITS	LEL	UEL
			N/A	N/A
EXTINGUISHING MEDIA	"ALCOHOL" X<--FOAM	X<--CO2	DRY CHEMICAL	WATER SPRAY
				X<--OTHER

SPECIAL FIRE FIGHTING PROCEDURES
HIGH CONCENTRATION IN CLOSED AREA CAN BURN. SHOULD NOT BE USED IN
CLOSED EQUIPMENT WHICH MAY RETAIN SOLVENT RESIDUE.

UNUSUAL FIRE & EXPLOSION HAZARDS

UNDER EXTREMELY HIGH HEAT, PHOSGENE OR FLUORINE COMPOUNDS CAN BE FORMED.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE :

NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

EFFECTS OF OVEREXPOSURE

- ACUTE - (SHORT TERM EXPOSURE)
HEADACHE, BLURRED VISION, NAUSEA, AND DIZZINESS.
WHEN THE TELOMER IS EXPOSED TO TEMPERATURES ABOVE 750 F. A CONDITION
KNOWN AS TELOMER FEVER HAS OCCURRED FROM EXPOSURE TO FUMES OF THE
DECOMPOSITION BY-PRODUCTS.

- CHRONIC - (LONG TERM EXPOSURE)
PROLONGED INHALATION CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION AND
CAN LEAD TO ASPHYXIA.
MARKED IRRITATION TO EYES AND SKIN DUE TO ITS DEFATTING NATURE.

PRIMARY ROUTE OF ENTRY: X<-- INHALATION <-- INGESTION <-- ABSORPTION

EMERGENCY & FIRST AID PROCEDURES

INHALATION:
MOVE TO FRESH AIR AND TREAT SYMPTOMATICALLY. GIVE OXYGEN IF BREATHING
IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPS.
GET MEDICAL HELP.

EYE CONTACT:
FLUSH WITH WATER 5-6 MINUTES. SEE A PHYSICIAN IF IRRITATION PERSISTS.

SKIN CONTACT:
WASH WITH SOAP AND WATER. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.

INGESTION:
DO NOT INDUCE VOMITING EVEN IF VOMITING OCCURS. IF IT OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. GET MEDICAL ATTENTION IMMEDIATELY.

NOTES TO PHYSICIAN:
DEPENDENT ON THE AMOUNT INGESTED AND RETAINED AS WELL AS THE TOXICITY OF THE PRODUCT, GASTRIC LAVAGE SHOULD BE AVOIDED BECAUSE OF PULMONARY ASPIRATION. IF COMATOSE, A CUFFED ENDOTRACHEAL TUBE WILL PREVENT ASPIRATION. CONSULT A POISON CONTROL CENTER.

SECTION VI - TOXICITY INFORMATION

1,1,1 TRICHLOROETHANE
OEL-HMN TDLO: 670MG/KG TFX:CN 2.
IHL-HMN TCLO: 920PPM/MG TEX:CSN 2.
OEL-RAT LD50: 10,300MG/KG 2.

SECTION VII - REACTIVITY DATA

STABILITY: X<--STABLE <--UNSTABLE CONDITIONS TO AVOID

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG ALKALIES, ACIDS AND SELECTED AMINES.

HAZARDOUS DECOMPOSITION PRODUCTS
DECOMPOSITION TEMPERATURES CAN RELEASE CARBON DIOXIDE/MONOXIDE, HYDROGEN CHLORIDE, PHOSGENE AND FLUORINE COMPOUNDS.

HAZARDOUS X WILL NOT OCCUR MAY OCCUR CONDITIONS TO AVOID
POLYMERIZATION

SECTION VIII - SPILL OR LEAK PROCEDURES

TEL-X AEROSOL

(CONTINUED)

SECTION VIII - SPILL OR LEAK PROCEDURES PAGE : 04

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
PREVENT FROM ENTERING SEWER OR WATER SOURCES. VENTILATE ENCLOSED SPACE.
WEAR RESPIRATOR. CLEAN UP (ANY ELECTRICAL CLEANING EQUIPMENT MUST BE EXPLOSION-PROOF) OR SOAK UP WITH SAND, COTTON WASTE OR OTHER ABSORBANT MATERIAL. AEROSOL PACKAGING MINIMIZES THIS HAZARD.

WASTE DISPOSAL METHOD
DISPOSE OF AEROSOL IN TRASH AFTER WRAPPING IT IN SEVERAL LAYERS OF NEWS-
PAPER. FOR DISPOSAL OF WIPING MATERIALS, CHECK WITH ALL FEDERAL, STATE
AND LOCAL POLLUTION CONTROL REGULATION.

NEUTRALIZING AGENT

N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION
SUFFICIENT VENTILATION TO BE EQUAL TO OR BELOW THE ALLOWABLE CONCENTRATION.

RESPIRATORY PROTECTION
TYPICAL USE OF PRODUCT DOES NOT REQUIRE THE USE OF A RESPIRATOR. IF PRODUCT IS MISTED USE NIOSH APPROVED MASK FOR SPRAY MISTS. IN EMERGENCY SITUATIONS THE FOLLOWING RESPIRATORS ARE RECOMMENDED:
500PPM CCROV/SA/SCBA
1000PPM CCROV/GMOV/SAF/SCBAF
ESCAPE: GMOV/SCBA

PROTECTIVE GLOVES
VITRON, PVA OR EQUIVALENT TO MINIMIZE SKIN CONTACT.

EYE PROTECTION
SAFETY GOGGLES MAY BE WORN TO MINIMIZE EYE CONTACT.

OTHER PROTECTION

N/A

SECTION X - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE
120 F.<--MAX 30 F.<--MIN INDOOR HEATED REFRIGERATED OUTDOOR

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING
FOLLOW LABEL DIRECTIONS.

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SECTION X - STORAGE AND HANDLING INFORMATION PAGE : 05

OTHER PRECAUTIONS
KEEP OUT OF REACH OF CHILDREN.

SECTION XI - TRANSPORTATION * (FOR FUTURE USE)

APPLICABLE REGULATIONS
<--49 CFR <--IMCO <--TARIFF 6 D <--IATA <--MILITARY AIR (AFR 71-4)

SHIPPING NAME

HAZARD CLASS

ID NUMBER | REPORT QTY

LABELS

LIMITED QTY

UNIT CONTAINER

DOT SPS CONTAINER

NET EXPLOSIVE WT.

AEROSOL PROPELLANT(S)

SECTION XII - REFERENCES

1. THRESHOLD LIMIT VALUE FOR CHEMICAL SUBSTANCES IN THE WORK ENVIRONMENT, 2ND EDITION, ACGIH, 1985
2. NIOSH REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES 1982

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