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SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS N/A TRADE NAME & SYNONYMS COND-X AEROSOL
 CHEMICAL FAMILY RESIN SYSTEM IN CHLORINATED SOLVENT FORMULA X<-MIXTURE
 MANUFACTURERS NAME: CERTIFIED LABS, DIV. OF NCH CORP.
 ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE)
 BOX 152170
 IRVING, TEXAS 75015
 PREPARED BY: R STOLLEY/CHEMIST PRODUCT CODE NUMBER 5212 EMERGENCY TELEPHONE NUMBER 214-438-1381

SECTION II- HAZARDOUS INGREDIENTS

THE HAZARDS PRESENTED BELOW ARE THOSE OF THE INDIVIDUAL COMPONENTS.

CHEMICAL NAME (INGREDIENTS) : METHYLENE CHLORIDE
 HAZARD-->CARC 4,5. TLV-->100PPM 1. PEL-->200PPM 2.
 STEL(TWA)*->NA CAS#-->75-09-02
 CHEMICAL NAME (INGREDIENTS) : ETHANOL
 HAZARD-->FLAMM. TLV-->1000PPM 1. PEL-->1000PPM 2.
 STEL(TWA)*->NA CAS#-->64-17-5
 CHEMICAL NAME (INGREDIENTS) : PROPANE
 HAZARD-->FLAMM. TLV-->N/E 1. PEL-->1000PPM 2.
 STEL(TWA)*->NA CAS#-->74-98-6
 CHEMICAL NAME (INGREDIENTS) : ISOBUTANE
 HAZARD-->FLAMM. TLV-->N/E 1. PEL-->N/E 2.
 STEL(TWA)*->NA CAS#-->75-28-5

COND-X AEROSOL

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SECTION III - PHYSICAL DATA

BOILING PT. (FAHRENHEIT) 78 F. SPEC GRAVITY (H2O=1) 1.13
 VAPOR PRESSURE (MM HG) 43 @ 68F COLOR STRAW
 VAPOR DENSITY (AIR=1) 1.59 ODOR METHYLENE CHLORIDE
 PH @ 100% 7.5-8.5 CLARITY SLIGHTLY HAZY
 PERCENT VOLATILE BY VOLUME (%) 63 EVAPORATION RATE (BU AC = 1) N/A
 SOLUBILITY IN WATER NEGLIGABLE
 VISCOSITY 40 CPS

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED) <70 F. SETA CLOSED CUP FLAMMABLE LIMITS 14 LEL 23 UEL
 EXTINGUISHING MEDIA "ALCOHOL" DRY WATER
 <-FOAM <-FOAM X<-CO2 X<-CHEMICAL X<-SPRAY <-OTHER
 SPECIAL FIRE FIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

UNUSUAL FIRE & EXPLOSION HAZARDS
 FORMS FLAMMABLE VAPOR-AIR MIXTURES AT TEMPERATURES ABOVE AMBIENT.
 LOWER TEMPERATURES INCREASE THE DIFFICULTY OF GETTING IT TO IGNITE.

LEVEL AEROSOL (NFPA 308)
 NFPA HAZARD RATING (0=INSIGNIFICANT;1=SLIGHT;2=MODERATE;3=HIGH;4=EXTREME):
 3 <-HEALTH 2 <-FLAMMABILITY 0 <-REACTIVITY <-SPECIAL

SECTION V - HEALTH HAZARD DATA



THRESHOLD LIMIT VALUE :
NOT ESTABLISHED FOR MIXTURE. SEE SECTION II.

EFFECTS OF OVEREXPOSURE

- ACUTE - (SHORT TERM EXPOSURE)
INHALATION: MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT. MAY CAUSE HEADACHE, DIZZINESS, NAUSEA, LIGHT HEADEDNESS, VERTIGO, LOSS OF APPETITE, DROWSINESS OR UNCONSCIOUSNESS.
EYES: MAY CAUSE MODERATE TO SEVERE IRRITATION. COMPRESSED LIQUID MAY CAUSE FREEZE BURNS.
SKIN: MAY CAUSE MODERATE TO SEVERE IRRITATION. COMPRESSED LIQUID MAY CAUSE FREEZE BURNS.
INGESTION: MAY CAUSE IRRITATION OF THE MOUTH AND THROAT, NAUSEA, AND NERVOUS SYSTEM EFFECTS. COMPRESSED LIQUID MAY CAUSE FREEZE BURNS.
- CHRONIC - (LONG TERM EXPOSURE)
REPEATED OR PROLONGED CONTACT CAN LEAD TO POSSIBLE BURNS TO EYES OR SKIN. INHALATION OF VERY HIGH CONCENTRATIONS CAN CAUSE DEATH BY REPLACING OXYGEN. REPEATED INGESTION CAN CAUSE FETAL ALCOHOL SYNDROME IN PREGNANT WOMEN. TARGET ORGANS: LIVER, KIDNEYS, CENTRAL NERVOUS SYSTEM.

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

EMERGENCY & FIRST AID PROCEDURES

INHALATION :
REMOVE TO FRESH AIR. IF NOT BREATHING, CLEAR THE AIRWAY AND START MOUTH-TO-MOUTH ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.

EYE CONTACT :
IMMEDIATELY RINSE THE EYES WITH WATER FOR AT LEAST 15 MINUTES. HOLD THE EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AND LIDS WITH WATER. GET IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT :
WASH AFFECTED AREAS THOROUGHLY WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. GET IMMEDIATE MEDICAL ATTENTION. WASH CLOTHING AND CLEAN SHOES BEFORE REUSE.

INGESTION :
GIVE 3 TO 4 GLASSES OF WATER BUT DO NOT INDUCE VOMITING. IF VOMITING OCCURS, GIVE FLUIDS AGAIN. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

NOTES TO PHYSICIAN :

N/A

SECTION VI - TOXICITY INFORMATION

PRODUCT CONTAINS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY:

IARC	X--YES	NTP	X--YES	OSHA	<--YES	ACGIH	<--YES	OTHER	<--YES
	<--NO		<--NO		X--NO		X--NO		X--NO

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(CONTINUED)

SECTION VI - TOXICITY INFORMATION

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METHYLENE CHLORIDE									
ORL-RAT LD50: 167 MG/KG			3.						A PROPORTIONATE MORTALITY STUDY SHOWED NO INCREASE IN DEATH FROM MALIGNANT NEOPLASMS AMONG WORKERS EXPOSED FOR UP TO 30 YEARS TO MEAN CONCENTRATIONS OF METHYLENE CHLORIDE RANGING FROM 33 PPM TO 118.8 PPM, WHEN COMPARED TO CONTROL POPULATIONS. 7.
SKN-RBT 810 MG/24H/SEV			3.						
EYE RBT 182 MG/MD			3.						
MUT: MM0-SAT 8700 PPM			3.						
IHL-RAT TCLO:3500PPM/6H/2Y-I-CARC			3.						
ETHANOL									
ORL-RAT LD50: 7060 MG/KG			3.						
SKN-RBT LDLO: 20 G/KG			3.						
INH-RAT LC50: 20000 PPM/10H			3.						
EYE-RBT 100 MG/24H MDD			3.						
PROPANE									
NO TOXICITY DATA AVAILABLE.									
ISOBUTANE									
IHL-RAT LC50: 57 PPH/15 M			6.						
IHL-MUS LC50: 1041 G/M3			6.						

SECTION VII - REACTIVITY DATA

STABILITY	X--STABLE	<--UNSTABL	CONDITIONS TO AVOID
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GROSS WATER CONTAMINATION, HEAT, SPARKS, AND OPEN FLAME.

INCOMPATIBILITY (MATERIALS TO AVOID)

ALUMINIUM, SODIUM, POTASSIUM, MAGNESIUM, AMINES, STRONG OXIDIZER

HAZARDOUS DECOMPOSITION PRODUCTS
HYDROGEN CHLORIDE, PHOSGENE, ACETIC ACID, AND CARBON MONOXIDE,
OXIDES OF NITROGEN, AMMONIA, HYDROCHLORIC ACID.

HAZARDOUS	X	WILL NOT OCCUR	MAY OCCUR	CONDITIONS TO AVOID
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POLYMERIZATION N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
DUE TO THE AEROSOL PACKAGING OF THIS PRODUCT, LARGE SPILLS ARE UNLIKELY. FOR SMALL SPILLS, SOAK UP WITH AN INERT MATERIAL AND TRANSFER TO A LABELED CONTAINER FOR PROPER DISPOSAL. DURING CLEAN-UP WEAR APPROPRIATE PROTECTIVE CLOTHING AND ENSURE ADEQUATE VENTILATION.

WASTE DISPOSAL METHOD
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

NEUTRALIZING AGENT

N/A

REQUIRED VENTILATION
USE SUFFICIENT VENTILATION TO MAINTAIN LEVELS BELOW THE PEL OF COMPONENTS.
MECHANICAL VENTILATION MAY BE REQUIRED IN ENCLOSED AREAS.

RESPIRATORY PROTECTION
IN AREAS OF HIGH CONCENTRATION OR POOR VENTILATION, WEAR A NIOSH/MSHA
APPROVED RESPIRATOR.

PROTECTIVE GLOVES
POLYVINYL ALCOHOL GLOVES.

EYE PROTECTION
SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES.

OTHER PROTECTION
N/A.

SECTION X - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE	INDOOR	HEATED	REFRIGERATED	OUTDOOR
100 F. <--MAX 32 F. <--MIN	X			

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING
AVOID CONTACT WITH SKIN & AVOID BREATHING VAPORS.
STORE IN COOL, DRY, WELL-VENTILATED AREA.
VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN
LOW AREAS. DO NOT SMOKE IN THE PRESENCE OF MIST
OR VAPORS.

OTHER PRECAUTIONS
READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.
KEEP OUT OF REACH OF CHILDREN.

SECTION XI - REGULATORY INFORMATION

CHEMICAL NAME	C.A.S. NUMBER	UPPER % LIMIT
PROPYLENE OXIDE	75-56-9	0.10
METHYLENE CHLORIDE	75-09-2	55

THOSE INGREDIENTS LISTED ABOVE ARE SUBJECT TO THE REPORTING REQUIREMENTS OF
313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF
1986 AND 40 CFR PART 372.

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SECTION XI - REGULATORY INFORMATION

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IF UE (USE EXEMPTION) APPEARS UNDER UPPER % LIMIT, END USERS ARE EXEMPT
FROM NOTIFICATION BECAUSE THE PRODUCT IS USED AND LABELED FOR ROUTINE
JANITORIAL WORK, OR THE PRODUCT IS USED AND LABELED FOR FACILITY GROUNDS
MAINTENANCE (SUCH AS FERTILIZERS AND HERBICIDES), OR THE PRODUCT IS USED AND
LABELED FOR MAINTAINING MOTOR VEHICLES.

CALIFORNIA PROPOSITION 65
WARNING: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) KNOWN TO THE STATE OF
CALIFORNIA TO CAUSE (1) CANCER OR (2) BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:
Methylene Chloride (1).

SECTION XII - 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 XIII - REFERENCES

1. THRESHOLD LIMIT VALUES FOR CHEMICAL SUBSTANCES AND PHYSICAL AGENTS AND
BIOLOGICAL EXPOSURE INDICES, ACGIH, 1991-1992
2. OSHA PEL
3. DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 7TH EDITION, SAX
AND LEWIS
4. INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, MONOGRAPHS, 1987.
5. FIFTH ANNUAL REPORT ON CARCINOGENS, 1989, NATIONAL TOXICOLOGY PROGRAM.
6. RTECS, MICROMEDEX, INC., VOL. 14.
7. FRIEDLANDER BR ET AL; J OCCUPAT MED 20 (10): 657-66 (1978)

*SHORT TERM EXPOSURE LIMIT (TWA) LISTED AS FINAL RULE LIMITS PUBLISHED IN THE
FEDERAL REGISTER/VOL. 54 NO. 12, 1-19-89

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