

100170 - 9028 DATE OF ISSUE 1/28/90 SUPERSEDES 04/26/90

SECTION I - GENERAL INFORMATION

CHEMICAL NAME & SYNONYMS N/A TRADE NAME & SYNONYMS GALVA-TEK AEROSOL
CHEMICAL FAMILY N/A FORMULA X -- MIXTURE
ZINC COMPOUND
MANUFACTURERS NAME CERTIFIED LABS, DIV OF NCH CORP
ADDRESS (NUMBER, STREET, CITY, STATE & ZIP CODE) BOX 182170 IRVING, TEXAS 75015
PREPARED BY RICHARD STOLLEY/T.S.CHEM PRODUCT CODE NUMBER 9028 EMERGENCY TELEPHONE NUMBER 214-438-1381

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

Table with columns: CHEMICAL NAME (INGREDIENTS), HAZARD, TLV\*, PEL\*, CAS#
Rows include: XYLENE, ALIPHATIC PETROLEUM DISTILLATE, METHYL ETHYL KETONE, METALLIC ZINC DUST, PROPANE

SECTION III - NON-HAZARDOUS INGREDIENTS

THRESHOLD LIMIT VALUE
NOT ESTABLISHED FOR MIXTURE SEE SECTION II
EFFECTS OF OVEREXPOSURE
ACUTE - (SHORT TERM EXPOSURE)
CHRONIC - (LONG TERM EXPOSURE)
PRIMARY ROUTE OF ENTRY X -- INHALATION -- INGESTION -- ABSORPTION
EMERGENCY & FIRST AID PROCEDURES
INHALATION
EYE CONTACT
SKIN CONTACT
INGESTION
NOTES TO PHYSICIAN

SECTION VI - TOXICITY INFORMATION

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
AEROSOL CONTAINER SO SPILL UNLIKELY IN CASE OF LEAKAGE PICK UP WITH AN ABSORBENT SUCH AS PAPER VERMICULITE, ETC TO CONTAIN SPILL DO NOT FLUSH TO SEWER PLACE INTO LABELED CONTAINERS AND SEAL DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS WET VACUUM AREA AFTER ALL TRACES HAVE BEEN CLEANED UP

NON-HAZARDOUS INGREDIENT NAMES AND CAS NUMBERS ARE PROTECTED UNDER NJ TRADE SECRET REGISTRY #A09343 - 8120P

SECTION III - PHYSICAL DATA

BOILING PT (FAHRENHEIT) C SPEC GRAVITY (H2O@15) N/A
VAPOR PRESSURE (MM HG) N/A COLOR GRAY
VAPOR DENSITY (AIR=1) 3.0 ODOR XYLENE
PH @ 100% N/A CLARITY OPAQUE
PERCENT VOLATILE BY VOLUME % 60 EVAPORATION RATE (BU AC @ 15) N/A
SOLUBILITY IN WATER NEGLECTIBLE
VISCOSITY NON-VISCOUS

SECTION IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (METHOD USED) 20 F T C FLAMMABLE LIMITS LEL 1.2% UEL 95%
EXTINGUISHING MEDIA ALCOHOL DRY WATER
SPECIAL FIRE FIGHTING PROCEDURES WEAR PROTECTIVE CLOTHING INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS COOL FIRE-EXPOSED CONTAINERS WITH WATER
UNUSUAL FIRE & EXPLOSION HAZARDS
VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO AREAS DISTANT FROM HANDLING POINT
LEVEL 2 AEROSOL (MPFA) 308
MPFA HAZARD RATING (0=INSIGNIFICANT; 1=SLIGHT; 2=MODERATE; 3=HIGH; 4=EXTREME)
2 --HEALTH 2 --FLAMMABILITY 0 --REACTIVITY N: --SPECIAL

PRODUCT CONTAINS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC
IARC --YES NTP --YES OSHA --YES ADGH --YES OTHER --YES
X --NO X --NO X --NO X --NO
XYLENE ZINC
ORL-RAT LD50 5.2G/KG 3 SKN-HMN 300G/3D-1 MILD 3
SKN-RBT LD50 3.95G/KG 3 INE-HMN TC10 124MG/M3/30M PLA 3
INH-RAT LC50 6350PPM 14H 3
METHYL ETHYL KETONE PROPANE
ORL-RAT LD50 3.3G/KG 3 NO DATA AVAILABLE
SKN-RBT LD50 13G/KG 3
INH-RAT LC50 2000PPM/2 HOURS 3
ALIPHATIC PETROLEUM DISTILLATE
UNK-MAN LDLC 1176MG/KG 4
ORL-RAT LD50 28G/KG 4
ORL-RBT LD50 28G/KG 4
CERTAIN RAW MATERIALS USED TO MAKE THIS PRODUCT MAY CONTAIN SMALL AMOUNTS OF MATERIALS AS IMPURITIES WHICH ARE REGULATED BY PROPOSITION 65 AS CARCINOGENS OR REPRODUCTIVE TOXINS

SECTION VII - REACTIVITY DATA

STABILITY X --STABLE --UNSTABL CONDITIONS TO AVOID
N/A
INCOMPATIBILITY MATERIALS TO AVOID:
STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS
CARBON MONOXIDE AND TRACE AMOUNTS OF PHOSGENE
HAZARDOUS WILL NOT MAY CONDITIONS TO AVOID
X --OCCUR --OCCUR
POLYMERIZATION
N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

STEPS TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
AEROSOL CONTAINER SO SPILL UNLIKELY IN CASE OF LEAKAGE PICK UP WITH AN ABSORBENT SUCH AS PAPER VERMICULITE, ETC TO CONTAIN SPILL DO NOT FLUSH TO SEWER PLACE INTO LABELED CONTAINERS AND SEAL DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS WET VACUUM AREA AFTER ALL TRACES HAVE BEEN CLEANED UP

WASTE DISPOSAL METHOD  
DO NOT INCINERATE OR PUNCTURE CAN. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL POLLUTION REGULATIONS

NEUTRALIZING AGENT

N/A

SECTION IX - SPECIAL PROTECTION INFORMATION

REQUIRED VENTILATION  
LOCAL EXHAUST VENTILATION SUFFICIENT TO MAINTAIN WORKPLACE CONCENTRATION BELOW PERMISSIBLE EXPOSURE LIMITS

RESPIRATORY PROTECTION  
TYPICAL USE DOES NOT REQUIRE RESPIRATORS. HOWEVER, IN EMERGENCY SITUATIONS WHERE EXPOSURES EXCEEDS OCCUPATIONAL LIMITS, USE THE FOLLOWING:  
1000 PPM: CDRDVF  
5000 PPM: QM0VJSAF/SCBAF  
10,000 PPM: SAF + PD, PP, CF  
ESCAPE: QM0VJSCBA

PROTECTIVE GLOVES  
NEOPRENE RUBBER GLOVES SHOULD BE WORN FOR REPEATED OR PROLONGED SKIN CONTACT

EYE PROTECTION  
CHEMICAL GOGGLES SHOULD BE WORN IF METHOD OF USE PRESENTS THE LIKELIHOOD OF EYE CONTACT

OTHER PROTECTION  
N/A

SECTION X - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE INDOOR HEATED REFRIGERATED OUTDOOR  
120 F --MAX C --MIN X

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING  
KEEP AWAY FROM ALL IGNITION SOURCES. STORE AT MODERATE TEMPERATURES. FLAMMABLE

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

GALVA-TEK AEROSOL

4. VENDOR'S MSDS

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE IN LIGHT OF CURRENT FORMULATION. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

CERTIFIED LABS DIV OF NCH CORP ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE CAUSED BY THE USE, STORAGE OR DISPOSAL OF THE PRODUCT IN A MANNER NOT RECOMMENDED ON THE PRODUCT LABEL. USERS ASSUME ALL RISKS ASSOCIATED WITH SUCH UNRECOMMENDED USE, STORAGE, OR DISPOSAL OF THE PRODUCT.

CHEMICAL NAME	C.A.S. NUMBER	UPPER % LIMIT
METHYL ETHYL KETONE	78-93-3	25
XYLENE	1330-20-7	10
METALLIC ZINC DUST	7440-66-6	40

THOSE INGREDIENTS LISTED ABOVE ARE SUBJECT TO THE REPORTING REQUIREMENTS OF 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1980 AND 40 CFR PART 372.  
IF 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.

SECTION XII - TRANSPORTATION - (FOR FUTURE USE)

APPLICABLE REGULATIONS  
--49 CFR --IMCO --TARIFF 6 D --IATA --MILITARY AIR LAZR 71-41

SHIPPING NAME

HAZARD CLASS ID NUMBER REPORT QTY

LABELS LIMITED QTY

UNIT CONTAINER

DOT SPS CONTAINER NET EXPLOSIVE WT

AEROSOL PROPELLANTS:

SECTION XIII - REFERENCES

1. THRESHOLD LIMIT VALUE FOR CHEMICAL SUBSTANCES IN THE WORK ENVIRONMENT 2ND EDITION ACCIN 1985
2. OSHA
3. DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 6TH EDITION N. IRVING SAX