

ZEP MFG CO -- AEROSOLVE, 0171 -- 6850-01-010-6774

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Product Identification
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Product ID:AEROSOLVE, 0171

MSDS Date:03/03/1990

FSC:6850

NIIN:01-010-6774

MSDS Number: BRLZC

=== Responsible Party ===

Company Name:ZEP MFG CO

Box:2015

City:ATLANTA

State:GA

ZIP:30301

Country:US

Info Phone Num:404-352-1680;404-435-2973

Emergency Phone Num:404-922-0923;800-424-9300(CHEMTREC)

CAGE:0990Y

=== Contrac

tor Identification ===

Company Name:ZEP MANUFACTURING COMPANY

Address:1310 SEABOARD INDUSTRIAL BLVD NW

Box:2015

City:ATLANTA

State:GA

ZIP:30318

Country:US

Phone:877-428-9937

CAGE:27674

Company Name:ZEP MFG CO

Box:2015

City:ATLANTA

State:GA

ZIP:30301-5000

Country:US

Phone:404-351-2952/404-432-2873

CAGE:0990Y

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Composition/Information on Ingredients
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Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: >95%

Oth

er REC Limits:NONE RECOMMENDED
OSHA PEL:350 PPM
ACGIH TLV:350 PPM/450STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingrid Name:SUPP DATA:LIFE-SUSTAINING USES IN HUMANS
ACUTELY/CHRONICALLY EXPOS TO CHLOROCARBONS .
RTECS #:9999999ZZ

Ingrid Name:WASTE DISP METH:FEDERAL AGENCIES FOR THE DISPOSAL METHOD IN
YOUR AREA.
RTECS #:9999999ZZ

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Rout

es of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:INHAL:VAP CAN PRDCE CNS DEPRESS,
CHARACT BY DIZZ, HDCH, NAUS, CARDIAC &/RESP DEPRESS, STUPOR, UNCON
& DEATH IN EXTREME CASES. EXPOS TO HIGH CONC OF VAP BY DIRECT
CONT/INHAL CAN BE IRRIT TO MUC M EMBS, SUCH AS EYES & UPPER RESP
TRACT. SEV EYE EXPOS TO LIQ CAN CAUSE REVERSIBLE EYE DMG. SKIN:CONT
MAY(EFTS OF OVEREXP)

Explanation of Carcin

ogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:CAUSE BURNING SENSATION & REDDENING OF
SKIN. INTRO OF SOLV TO LUNGS AS IN ASPIR OF VOMITUS FLUIDS, MAY
CAUSE CHEM PNEUM. INHAL OF AEROSOL MIST MAY PRDCE CHEM PNEUM.
CHRONIC:RPTD/PRLNG CONT BY INHAL/SKIN ABSORP MAY PRDCE
LIVER/KIDNEY DMG/DMG TO CNS, CHARACT BY TINGLING/NUMB IN EXTREM,
BLURRED VISION/ (SUPDAT)

Medical Cond Aggravated by Exposure:EXPOSURE TO THIS PRODUCT MAY
AGGRAVATE EXISTING RESPIRATORY & CARDIAC CON
DITIONS.

===== First Aid Measures =====

First Aid:SKIN:WASH THORO W/SOAP/MILD DETERGENT. APPLY SKIN CREAM
W/LANOLIN. GET MED ATTN IF IRRIT PERSISTS. EYES:IMMED FLUSH
W/PLENTY OF WATER FOR AT LST 15 MINS. OCCAS LIFTING UPPER & LOWER
LIDS. GET MED ATTN AT ONCE. INHAL:MOVE TO FRESH AIR AT ONCE. IF
BRTHG HAS STOPPED, PERFORM ARTF RESP. GET MED ATTN IMMED. INGEST:DO
NOT INDUCE VOMIT. IF VOMIT OCCURS, KEEP HEAD BELOW HIP LEVEL. GET
EMER M

ED ATTN IMMED.

===== Fire Fighting Measures =====

Lower Limits:7.5%

Upper Limits:15%

Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE .

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED PRESSURE DEMAND SCBA & FULL PROTECTIVE EQUIPMENT. DIRECT WATER ONTO INTACT CONTAINERS TO PREVENT BURSTING.

Unusual Fire/Explosion Hazard:VAPORS ARE HVR/AIR & WILL ACCUMULATE AT LOW POINTS. CONC VAPOR MAY IGNITE IF EXPOS TO SPARKS. THERMAL DECOMPOSITIO
N PRODUCTS MAY INCLUDE HCL & PHOSGENE .

===== Accidental Release Measures =====

Spill Release Procedures:OBSERVE SAFETY PRECS DURING SPILL CLEANUP. LGE SPILLS ARE UNLIKELY DUE TO PACKAGING. SPILL MAY BE ABSORB ON INERT ABSORB(E.G., ZEP-O-ZOR8), PLACED IN SUITABLE CNTNR FOR DISP. WASH AREA THORO WITH A DE TERGENT SOLUTION & RINSE WELL WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

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Handling and Storage Precautions:DO NOT STORE AT TEMPS >120F/IN DIRECT SUNLIGHT. DO NOT PUNCTURE/INCIN CNTNR. KEEP PROD AWAY FROM EYES/SKIN. DO NOT BREATHE SPRAY MISTS/VAPS.

Other Precautions:VENT SHLD INCL FLOOR LEVEL EXHAUSTING. KEEP OUT OF REACH OF CHILDREN. NO SMOKING IN AREA OF USE. DO NOT USE IN GENL VICINITY OF ARC WELDING, OPEN FLAMES OR HOT SURFACES. HEAT &/UV RADIATION MAY CAUSE FORMATION OF HCL &/PHOSGENE .

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF VENTILATION IS INADEQUATE, WEAR NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:VENT SHOULD BE EQUIVALENT TO OUTDOORS. USE EXHAUST FANS & OPEN WINDOWS IN ENCLOSED SPACES.

Protective Gloves:VITON GLOVES/CHEM RESIST GLOVES.

Eye Protection:CHEM WORK GOG & FULL FSHLD .

Other Protective Equipment:CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS PRODUCT.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Hea

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EFTS OF OVEREXP:CONFUSN. SKIN, WHICH IS DEFATTED BY RPTD EXPOS TO SOLVS, IS MORE SUSCEPTIBLE TO IRRIT, INFECTION & DERM. CHLOROCARBON MATLS HAVE PRDCD SENSIT OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR EFTS IN HUMANS. ADRENOMIMIETICS (E.G., EPINEPHRINE) MAY BE CONTRAINDICATED EXCEPT FOR (ING 2)

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:165F,74C

Vapor Pres:100

Vapor Density:4.6

Spec Gravity:1.34

Evaporatio

n Rate & Reference:6.0 (BUTYL ACCETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR, THIN LIQUID WITH MILD, CHLORINATED ODOR.

Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS & ALKALIES, OXIDIZERS & ACTIVE METALS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN CHLORIDE, & SMALL AMOUNTS OF PHOSGENE & CHLORINE GAS.

===== Disposal Considerations =====

Waste Disposal Methods:PROD IS CONSUMED IN USE. DO NOT CRUSH, PUNCTURE/INCIN SPENT CNTNRS. LG NUMBER OF AEROSOL CNTNRS MAY REQ HNDLG AS HAZ WASTE, BUT MOST STATES TOTAL HAZ WASTE QTYS