

ZEP MFG COMPANY -- 0231 ZEPTOX II -- 6840-00F030652

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Product Identification  
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Product ID:0231 ZEPTOX II  
MSDS Date:04/23/1990  
FSC:6840  
NIIN:00F030652  
MSDS Number: BSLMM  
=== Responsible Party ===  
Company Name:ZEP MFG COMPANY  
Box:2015  
City:ATLANTA  
State:GA  
ZIP:30301  
Country:US  
Info Phone Num:404-352-1680  
Emergency Phone Num:404-435-2973  
CAGE:EO578

=== Contractor 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 COMPANY  
Box:2015  
City:ATLANTA  
State:GA  
ZIP:30301  
Country:US  
Phone:404-352-1680/404-996-0844  
CAGE:EO578

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Composition/Information on Ingredients  
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Ingred Name:KEROSENE (PETROLEUM), HYDROTREATED; PETROLEUM DISTILLATE,  
HYDROTREATED , (MINERAL SPIRITS)  
CAS:64742-47-8  
RTECS #:OA5504000  
Fraction by Wt: 10-20%

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (CHLOROTHENE NU),  
AEROTHANE TT, CHLOROTHENE  
CAS:71-55-6  
RTECS #:KJ2975000  
Fraction by Wt: 70-80%  
Other REC Limits:450 PPM STEL  
OSHA PEL:350 PPM  
ACGIH TLV:1910 MG/CUM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name: ISOPROPANOL (ISOPROPYL ALCOHOL), 2-PROPANOL, DIMETHYL  
CARBINOL

CAS: 67-63-0

RTECS #: NT8050000

Fraction by Wt: 5-10%

Other REC Limits: 400 PPM

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

Ingred Name: PYRETHRINS

CAS: 121-29-9

RTECS #: GZ0700000

Fraction by Wt: <1.5%

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

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

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

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

Health Hazards Acute and Chronic: INHALATION: CENTRAL NERVOUS SYSTEM  
DEPRESSION, IRRITATION TO EYES/UPPER RESPIRATORY TRACT, MAY PRODUCE  
LIVER/KIDNEY/CNS DAMAGE & DEATH. EYES: REVERSIBLE EYE DAMAGE. SKIN:  
IRRITATION, DEFATTING, DERMATITIS, ABSORPTION. ASPIRATION OF  
VOMITUS: CHEMICAL PNEUMONIA.

Explanation of Carcinogenicity: NONE

Effects of Overexposure: INHALATION: DIZZINESS, HEADACHE, NAUSEA,  
CARDIAC/RESPIRATORY DEPRESSION, TINGLING/NUMBNESS, BLURRED VISION,  
CONFUSION, STUPOR, UNCONSCIOUSNESS, DEATH. SKIN: BURNING SENSATION,  
REDDENING.

Medical Cond Aggravated by Exposure: RESPIRATORY & CARDIAC CONDITIONS,  
EYE & SKIN DISORDERS.

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

First Aid: EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN:  
THOROUGHLY WASH W/ SOAP OR MILD DETERGENT, APPLY A LANOLIN SKIN  
CREAM. INGESTION: DON'T INDUCE VOMITING. IF VOMITING OCCURS, KEEP  
HEAD BELOW HI P LEVEL. INHALATION: REMOVE TO FRESH AIR; IF  
BREATHING HAS STOPPED, PERFORM ARTIFICIAL RESPIRATION. OBTAIN  
MEDICAL ATTENTION IN ALL CASES.

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

Flash Point: NON FLAMMABLE

Extinguishing Media: SELF-EXTINGUISHING

Fire Fighting Procedures: DIRECT WATER ONTO INTACT CONTAINERS TO PREVENT  
BURSTING.

Unusual Fire/Explosion Hazard: CONTAINER MAY BURST IF HEATED ABOVE 120  
F.

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

Spill Release Procedures: OBSERVE SAFETY PRECAUTIONS. LARGE SPILLS  
UNLIKELY DUE TO PACKAGING. ABSORB ON INERT ABSORBENT, PLACE IN  
SUITABLE CONTAINER FOR DISPOSAL, WASH AREA W/ DETERGENT SOLUTION &

RINSE WELL W/WATER.

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

Handling and Storage Precautions:AVOID TEMPS >120 F & DIRECT SUNLIGHT.  
DON'T PUNCTURE OR INCINERATE. KEEP PRODUCT AWAY FROM EYES & SKIN.  
DON'T INHALE MISTS OR VAPORS.  
Other Precautions:VAPORS ARE HEAVIER THAN AIR & WILL ACCUMULATE AT LOW  
POINTS. KEEP AWAY FROM FOOD PRODUCTS & FROM CHILDREN. DON'T WEAR  
CONTACT LENSES WHEN WORKING W/THIS MATERIAL.

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

Respiratory Protection:REQUIRED  
Ventilation:EQUIVALENT TO OUTDOORS. USE EXHAUST FANS & OPEN WINDOWS IN  
ENCLOSED SPACES. SHOULD INCLUDE FLOOR LEVEL EXHAUSTING.  
Protective Gloves:VITON OR EQUIVALENT RESISTANCE  
Eye Protection:TIGHT-FITTING SAFETY GLASSES  
Work Hygienic Practices:DON'T WEAR CONTACT LENSES.  
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:105-490 F  
Vapor Pres: 62.5  
Spec Gravity:1.45  
Evaporation Rate & Reference:(CCL4=1): 0.34  
Solubility in Water:NEGLIBLE  
Appearance and Odor:CLEAR, COLORLESS LIQUID W/STRONG SOLVENT ODOR  
Percent Volatiles by Volume:97.7

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

Stability Indicator/Materials to Avoid:YES  
OXIDIZING AGENTS  
Stability Condition to Avoid:SOURCES OF IGNITION, TEMP >120 F, DIRECT  
SUNLIGHT  
Hazardous Decomposition Products:CO, CO2, HYDROGEN CHLORIDE, PHOSGENE,  
CHLORINE GAS

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

Waste Disposal Methods:DON'T CRUSH, PUNCTURE OR INCINERATE SPENT  
CONTAINERS. LARGE AMOUNTS MAY REQUIRE HANDLING AS HAZARDOUS WASTE.  
OBSERVE ALL FEDERAL, STATE, LOCAL REGULATIONS.

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