

ZEP MFG COMPANY -- 0240 ZEP FREEZE -- 6830-01-335-5741

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===== Product Identification =====

Product ID:0240 ZEP FREEZE
MSDS Date:05/02/1991
FSC:6830
NIIN:01-335-5741
MSDS Number: BTVST
=== Responsible Party ===
Company Name:ZEP MFG COMPANY
Address:1310 SEABOARD INDUSTRIAL BLVD NW
Box:2015
City:ATLANTA
State:GA
ZIP:30301
Country:US
Info Phone Num:404-352-1680/404-922-0923
Emergency Phone Num:404-352-1680/404-435-2973
CAGE:EO578

==== Contractor Identification ====

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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 =====

Ingred Name:CHLORODIFLUOROMETHANE, FREON 22, MONOCHLORODIFLUOROMETHANE
CAS:75-45-6
RTECS #:PA6390000
Fraction by Wt: >90%
Other REC Limits:1000

PPM
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM
Ozone Depleting Chemical:2

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: SEVERE OVEREXPOSURE >2500 PPM CAN CAUSE CNS DEPRESSION/DEATH. SKIN/EYES: CONTACT MAY CAUSE POSSIBLE IRRITATION. INHALATION OF AEROSOL MIST MAY PRODUCE CHEMICAL PNEUMONIA. CONCENTRATION OF SPRAY ON SKIN/EYES CAN QUICKLY CAUSE FROSTBITE & MAY RESULT IN PERMANENT INJURY.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:HEADACHE, NAUSEA, DIZZINESS, STUPOR, UNCONSCIOUSNESS, DEFATTING

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First Aid Measures
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First Aid:SKIN: WASH W/SOAP/A MILD DETERGENT. APPLY A SKIN CREAM W/LANOLIN. EYES: IMMEDIATELY FLUSH W/PLENTY OF WATER FOR 15 MINS. INHALATION: MOVE TO FRESH AIR. IF BREATHING HAS STOPPED, PERFORM CPR. INGESTION : ASPIRATION HAZARD. DON'T INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIP LEVEL. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures
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Flash Point:UNFLAMMABLE
Extinguishing Media:NON-COMBUSTIBLE
Fire Fighting Procedures:WEAR SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS. DIRECT WATER ONTO INTACT CONTAINERS TO PREVENT BURSTING.

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Accidental Release Measures
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Spill Relea

se Procedures:OBSERVE SAFETY PRECAUTIONS. ABSORB ON AN INERT
ABSORBENT MATERIAL & PLACED IN A SUITABLE CONTAINER FOR DISPOSAL.
WASH AREA THOROUGHLY W/A DETERGENT SOLUTION & RINSE WELL W/WATER.

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

Handling and Storage Precautions:DON'T STORE AT TEMPS >120F/IN DIRECT
SUNLIGHT. DON'T CRUSH, PUNCTURE/INCINERATE CONTAINER. KEEP PRODUCT
OUT OF EYES. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:VAPORS ARE >AIR & WILL
ACCUMULATE AT LOW POINTS.
VENTILATION SHOULD INCLUDE FLOOR LEVEL EXHAUSTING.

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

Respiratory Protection:IF INADEQUATE VENTILATION, WEAR A PROPERLY
FITTING MSHA/OSHA APPROVED RESPIRATOR.

Ventilation:USE EXHAUST FANS &/EXHAUST HOOD IN ENCLOSED SPACES.

Protective Gloves:NEOPRENE, NITRILE/NATURAL RUBBER

Eye Protection:TIGHT-FITTING SAFETY GLASSES

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:10F

Vapor Pres:125

Vapor Density:3.03

Spec Gravity:1.2

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR THIN LIQUID W/SLIGHTLY SWEET ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:DIRECT SUNLIGHT, TEMPS >120F

Hazardous Decomposition Products:CO₂, CO, HYDROGEN CHLORIDE & SMALL
AMOUNTS OF PHOSGENE & CHLORINE

GAS

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

Waste Disposal Methods: LARGE NUMBERS OF AEROSOL CONTAINERS MAY REQUIRE HANDLING AS A HAZARDOUS WASTE. CONSULT LOCAL, STATE & FEDERAL AGENCIES FOR THE PROPER DISPOSAL METHOD IN YOUR AREA. UN1010.

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