

IBM CORPORATION -- 451110 -- 9150-00-781-0021

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

Product ID:451110
MSDS Date:02/24/1988
FSC:9150
NIIN:00-781-0021
MSDS Number: BMWTW
=== Responsible Party ===
Company Name:IBM CORPORATION
Address:OLD ORCHARD ROAD
City:ARMONK
State:NY
ZIP:10504-1709
Country:US
Info Phone Num:1-800-IBM-4333
Emergency Phone Num:800-426-4333/FAX 214-280-3903
CAGE:30874
=== Contractor I
dentification ===
Company Name:IBM CORPORATION
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===== Composition/Information on Ingredients =====

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)
CAS:75-71-8
RTECS #:PA8200000
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

===== Hazards Identific

ation =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION;IRRITATION OF MUSCOUS
MEMBRANEE AND RESPIRATORY TRACT,DROWINESS,INCOORDINATION,DIZZINESS
NAUSEA AND ASPHYXIATION AT HIGH CONCENTRATIONS. EYES; MILID
IRRITATION

Effects of Overexposure:NA
Medical Cond Aggravated by Exposure:NONE GIVEN

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

First Aid:INHALATION:REMOVE FROM FIRST AID PROVIDE CPR AND OXYGEN IF
NECESSARY,SEEK MEDICAL ATTENTION.EYES;FLUSH WITH COPIOUS AMOUNTS OF
WATER FOR 15 MINUTES.SKIN;WASH WITH SOAP AND WATER.REMOVE
CONTAMINATED CL OTHING SEEK MEDICAL ATTENTION IF IRRITATION
PERSIST. INGESTION:SEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING DO
NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON

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

Flash Point Method:CC
Flash Point:228F,109
C
Lower Limits:NA9
Upper Limits:NA
Extinguishing Media:WATER, DRY CHEMICAL, CARBON DIOXIDE.FOAM
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPERATUS. KEEP
FIRE EXPOSED CONTAINER COOL WITH WATER
Unusual Fire/Explosion Hazard:EXPOSURE TO TEMPERATURES ABOVE 120F MAY
CAUSE CONTAINER TO EXPLODE.

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

Spill Release Procedures:CONTAIN FOR TREATMENT/DISPOSAL. COVER WITH
ABSORBENT MATERIAL,AND COLLECT. ELIMINATE ALL
IGNITION SOUERCES.
Neutralizing Agent:NA

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

Handling and Storage Precautions:STORE IN A COOL DRY PLACES,WELL
VENTILATED AWAY FROM HIGH TEMPERATURES OPEN FLAMES AND STRONG
OXIDANTS.
Other Precautions:KEEP OUT OF REACH OF CHILDREN, KEEP CONTAINERS CLOSED
WHEN NNOT IN USE.

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

Respiratory Protection:ORGANIC VAPOR,SELF CONTAINED IF TVLS ARE
EXCEEDED
Ven

tilation:LOCAL EXHAUST
Protective Gloves:IMPERMABLE
Eye Protection:CHEMICAL SFETY GOGGLES.
Other Protective Equipment:NONE
Work Hygienic Practices:PRUDENT
Supplemental Safety and Health
NONE

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

HCC:G3
Boiling Pt:B.P. Text:-29F,-34C
Melt/Freeze Pt:M.P/F.P Text:NA
Vapor Pres:NA
Vapor Density:6.3
Spec Gravity:NA
Evaporation Rate & Reference:NA
Solubility in Water:NA
Appearance and Odor:CLEAR GOLDEN LIQUID,AEROSOL LIQUID

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

Stability Indicator/Materials to Avoid:YES
NA
Stability Condition to Avoid:AVOID SPARKS AND OPEN FLAMES
Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE,
HYDROFLUORIC ACID AND HYDROCHLORIC ACID

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

Waste Disposal Methods:DISPOSAL IN ACCORDANCE WITH LOCAL,STATE AND
FEDERAL REGULATIONS.

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