

IBM -- IBM,CLEANER,TAPE UNIT PN:8493001-1 - CLEANER,TAPE TRANSP
MATERIAL SAFETY DATA SHEET
NSN: 7040001519956
Manufacturer's CAGE: 30874
Part No. Indicator: A
Part Number/Trade Name: IBM,CLEANER,TAPE UNIT PN:8493001-1

=====
General Information
=====

Item Name: CLEANER,TAPE TRANSP
Company's Name: IBM CORPORATION
Company's Street: OLD ORCHARD ROAD
Company's City: ARMONK
Company's State: NY
Company's Country: US
Company's Zip Code: 10504-1709
Company's Emerg Ph #: 800-426-4333/FAX 214-280-3903
Company's Info Ph #: 1-800-IBM-4333
Record No. For Safety Entry: 002
Tot Safety Entries This Stk#: 002
Status: SE
Date MSDS Prepared: 16APR93
Safety Data Review Date: 30APR98
Supply Item Manager: TX
MSDS Serial Number: BDCRZ
Specification Number: UNKNOWN
Hazard Characteristic Code: N1
Unit Of Issue: EA
Unit Of Issue Container Qty: 16 FL OZ
Type Of Container: BOTTLE,POLY

=====
Ingredients/Identity Information
=====

Proprietary: NO
Ingredient: 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA 313)
Ingredient Sequence Number: 01
Percent: 64.7
NIOSH (RTECS) Number: KJ4000000
CAS Number: 76-13-1
OSHA PEL: 1000 PPM
ACGIH TLV: 1000PPM/1250STEL; 96
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: ISOPROPYL ALCOHOL (SARA 313)
Ingredient Sequence Number: 02
Percent: 35
NIOSH (RTECS) Number: NT8050000
CAS Number: 67-63-0
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM/500STEL;9596
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: NITROMETHANE (INHIBITOR)
Ingredient Sequence Number: 03
Percent: 0.3
NIOSH (RTECS) Number: PA9800000
CAS Number: 75-52-5
OSHA PEL: 100 PPM
ACGIH TLV: 20 PPM; 9596
Other Recommended Limit: NONE RECOMMENDED

=====
Physical/Chemical Characteristics
=====

Appearance And Odor: CLEAR,COLORLESS LIQUID, MILD ALCOHOLIC ODOR
Boiling Point: 120F,49C
Melting Point: -94F,-70C
Vapor Pressure (MM Hg/70 F): 284
Vapor Density (Air=1): 2.2
Specific Gravity: 1.15
Decomposition Temperature: 500F,260C
Evaporation Rate And Ref: 3.7, NO REF GIVEN
Solubility In Water: 35, APPRECIABLE
Percent Volatiles By Volume: 100
pH: NDA
Corrosion Rate (IPY): NP

Fire and Explosion Hazard Data

Flash Point: NDA
Flash Point Method: NP
Lower Explosive Limit: N/DATA AVAI
Upper Explosive Limit: N/DATA AVAI
Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL.
Special Fire Fighting Proc: USE NIOSH APPROV SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.
Unusual Fire And Expl Hazrds: COOL CNTNRS & KEEP IN OPN AREA.ADDN OF EXCESS H2O(<9%)WILL EXTRACT ALCOHOL & MAY FORM FLAMM SUPERNATANT LIQ LAYER.
NOTE:PROD AS SHIPPED IS NON-FLAMM. (SUPPLEMENT)

Reactivity Data

Stability: YES
Cond To Avoid (Stability): AVOID OPEN FLAMES OR TEMPERATURES ABOVE 51.6C(125F).
Materials To Avoid: W/ALKALI OR ALKALINE EARTH METALS;POWDERED AL,ZINC, BERYLLIUM,ETC.CAN REACT W/STRONG OXIDIZING MATLS.
Hazardous Decomp Products: HAZ DECOMPO TEM 260C PRODUCTS:HYDROCHLORIC AND FHYDROFLUORIC ACIDS.POSSIBLE CARBONYL HALIDES.
Conditions To Avoid (Poly): NONE SPECIFIED BY MANUFACTURER.

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: INHAL:LIGHTHEADEDNESS,GIDDINESS,SHORTNESS OF BREATH,DROWS,UNCONSC.IRREGULAR HEARTBEAT @HI CONC.VAPORIZATION OF EXCESSIVE AMTS OF PROD CAN DEplete/REPLACE OXY NECESSARYFOR BREATH.EYE:MILD IRRIT.
SKIN:MAY CAUSE IRRIT,RASH.INGEST:NAU,VOMIT,DROWS,INCOORDINATION,UNCONSC, CESSATION OF BREATHING.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: PER MSDS:NO SUBSTANCES ON MSDS HAVE BEEN FOUND TO BE CARC OR PORTENTIAL CARC AS LISTED BY NATP/IARC/OSHA.
Signs/Symptoms Of Overexp: CHRONIC:INHAL:CHRONIC DRUNKENNESS,DROWS, INCOORDINATION,UNCONSC,CESSATION OF BREATHING DURING VAPOR EXPO.
Med Cond Aggravated By Exp: MAY IRRITATE PEOPLE W/SKIN PROBLEMS,ASTHMA, LUNG,HEART PROBLEMS,SUSCEPTIBLE INDIVIDUALS MAY HAVE AN ALLERGIC REACTION.
Emergency/First Aid Proc: INHAL:REMOVE FRM ARE OF EXPO TO FRESH AIR.
ASSESS AIRWAY,BREATH,CIRCULATION,LEVEL OF CONSC.IF NECESSARY PROVIDE CARDIOPULMONARY SUPPORT .SEEK IMMED MED ATTN.EYE:FLUSH W/COPIOUS AMTS OF DONT INDUCE VOMIT.DONT GIVE ANYTHING TO UNCONSC PERSON.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: CONTAIN FOR TREATMENT/DISPOSAL,VENTILATE

AREA,COVER W/ABSORBENT MATL & COLLECT.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.INCINERATION.
Precautions-Handling/Storing: KEEP CNTNRS TIGHTLY CLOSED.AVOID EXCESSIVE HEAT DURING STORAGE,UNOPENED(FACTORY SEALED)CNTNRS ARE NOT FLAMM.HOWEVER DUE TO EVAPORATION UPON(OTH PRECA)
Other Precautions: HNDLG/STORAGE:OPENING MIXTURE MAY BECOME FLAMM.RAGS OR MATLS SATURATED W/CLEANER MAY PRESENT A FIRE HAZ.KEEP OUT OF REACH OF CHILDREN.

=====
Control Measures
=====

ORGANIC VAPOR.
Ventilation: LOCAL EXHAUST
Protective Gloves: IMPERMEABLE GLOVES
Eye Protection: CHEMICAL SAFETY GOGGLES
Other Protective Equipment: WHEN WORKING W/LG AMTS USE APRON & FACE SHIELD.
Work Hygienic Practices: DONT WEAR CONTAM CLOTH AGAIN TIL PROPERLY LAUNDERED.
Suppl. Safety & Health Data: FIRE/EXPLO:MIST/SPRAY IS FLAMM.FLASH PT REDUCED TO 32C(90F) AFT 45% EVAPORATION:ISOPROPANOL BECOMES FLAMM. PER MSDS:OBSOLET ITEM;PART NO LONGER AVAIL.

=====
Transportation Data
=====

Trans Data Review Date: 98120
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
N.O.S. Shipping Name: CONTAINS 35% ISOPROPANOL.
Additional Trans Data: PER MFR(RECTICO CO INC-A-SUB CONTRACTOR FOR IBM PH (201)575-0009) 10/17/85,SPECIFIED THAT FLASH POINT OBSERVED AFTER 40% OF MATERIAL WAS EVAPORATED.DGSC-STH-CONSIDERS ITEM BE REGULATD FOR IMO/ IATA SHIPMENTS.

=====
Disposal Data
=====

=====
Label Data
=====

Label Required: YES
Technical Review Date: 30APR98
Label Status: F
Common Name: IBM,CLEANER,TAPE UNIT PN:8493001-1
Chronic Hazard: YES
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: INHAL:LIGHTHEADEDNESS,GIDDINESS,SHORTNESS OF BREATH,DROWS,UNCONSC.IRREGULAR HEARTBEAT @HI CONC.VAPORIZATION OF EXCESSIVE AMTS OF PROD CAN DEplete/REPLACE OXY NECESSARY FOR BREATH.EYE:MILD IRRIT. SKIN:IRRIT,RASH.INGEST:NAU,VOMIT,DROWS,INCOORDINATION,UNCONSC,CESSATION OF BREATHING.TARGET ORGANS:BREATHING,SKIN,EYE. FIRST AID: INHAL:REMOVE FRM ARE OF EXPO TO FRESH AIR.ASSess AIRWAY,BREATH,CIRCULATION,LEVEL OF CONSC.IF NECESSARY PROVIDE CARDIOPULMONARY SUPPORT .SEEK IMMED MED ATTN.EYE:FLUSH W/ COPIOUS AMTS OF WATER FOR 15MINS.SKIN:WASH AREA W/SOAP/WATER.REMOVE CONTAM

CLOTH.INGEST:DONT INDUCE VOMIT.DONT GIVE ANYTHING TO UNCONSC PERSON.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: IBM CORPORATION

Label Street: OLD ORCHARD ROAD

Label City: ARMONK

Label State: NY

Label Zip Code: 10504-1709

Label Country: US

Label Emergency Number: 800-426-4333/FAX 214-280-3903