

IBM CORP. -- IBM, CLEANER, ISOPROPYL ALCOHOL 91 -- 6810-00-753-4993

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

Product ID:IBM, CLEANER, ISOPROPYL ALCOHOL 91
MSDS Date:02/07/1991
FSC:6810
NIIN:00-753-4993
MSDS Number: BPHMV
=== Responsible Party ===
Company Name:IBM CORP.
Address:SOUTH RD
Box:950
City:POUGHKEEPSIE
State:NY
ZIP:12602
Country:US
Info Phone Num:800-IBM-4333
Emergency Phone Num:800-IBM-4333
CAGE:LO896

=== Contractor Identification ===

Company Name:IBM CORP.
Address:SOUTH RD
Box:950
City:POUGHKEEPSIE
State:NY
ZIP:12602
Country:US
Phone:800-IBM-4333
CAGE:LO896
Company Name:INTERNATIONAL BUSINESS MACHINES CORP
Address:SOUTH RD
Box:950
City:POUGHKEEPSIE
State:NY
ZIP:12602
Country:US
Phone:914-433-1234
CAGE:89264

===== Composition/Information on Ingredients =====

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 91.0%
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 9.0%.

===== 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- MAY CAUSE CNS DEPRESSION
AND/OR NARCOTIC EFFECTS. DEEP COMA HAS RESULTED FROM SPONGING WITH
ISOPROPYL ALCOHOL. EYES- MAY CAUSE IRRITATION. SKIN- MAY CAUSE
IRRITATION AND DERMATITIS, CNS DEPRESSION AND/OR NARCOTIC EFFECTS.
INGESTION- MAY CASUE CNS DEPRESSION AND/OR NARCOTIC EFFECTS.
Effects of Overexposure:ACUTE: INHALATION- NAUSEA, VOMITING, ABDOMINAL

PAIN, CONFUSION AND DROWSINESS. CHRONIC: CHRONIC DRUNKENNESS DURING VAPOR EXPOSURE.

Medical Cond Aggravated by Exposure:MAY IRRITATE PEOPLE WITH SKIN PROBLEMS, ASTHMA, AND LUNG DISEASES.

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First Aid Measures
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First Aid:INGESTION- IF PATIENT IS CONSCIOUS AND ALERT INDUCE VOMITING ON THE ADVICE OF PHYSICIAN. IF NOT ALERT - SEEK IMMEDIATE MEDICAL ATTENTION. INHALATION- REMOVE FROM EXPOSURE. IF BREATHING IS DIFFICULT O R ABSENT, GIVE CARDIOPULMONARY SUPPORT IF NECESSARY. SKIN- FLUSH WITH WATER. EYES- FLUSH COPIOUSLY WITH WATER FOR 15 MIN.

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Fire Fighting Measures
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Flash Point:68.0F,20.0C

Lower Limits:2.5

Upper Limits:5.2

Extinguishing Media:CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:CAN REACT VIGOROUSLY WITH OXIDANTS. USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR. VAPOR MAY EXPLODE IF IGNITED IN ENCLOSED AREA. COOL CANS W/H2O.

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Accidental Release Measures
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Spill Release Procedures:DILUTE WITH WATER,ADD ABSORBENT.AVOID CONTACT WITH LIQUID & VAPOR.

Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:DO NOT STORE NEAR STRONG OXIDANTS.

KEEP AWAY FROM HEAT & OPEN FLAMES.

Other Precautions:NONE

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Exposure Controls/Personal Protection
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Respiratory Protection:FACE SHIELD,COVERALLS & A MULTIPURPOSE GAS MASK

Ventilation:LOCAL EXHAUST IS RECOMMENDED TO REDUCE CONCENTRATION < 400.

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:FACE SHIELD,COVERALLS, A MULTIPURPOSE GAS MASK.

Work Hygienic Practices:WASH HANDS AFTER HANDLING THIS MATERIAL.

Supplemental Safety and Health

NONE

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Physical/Chemical Properties
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HCC:F2

Boiling Pt:B.P. Text:177F,80C

Melt/Freeze Pt:M.P/F.P Text:-123F,-86C

Vapor Pres:33 MM HG

Spec Gravity:0.786

Solubility in Water:100%

Appearance and Odor:WATER WHITE, CLEAR, SLIGHTLY SWEET ALCOHOL ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS.

Stability Condition to Avoid:HEAT, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:NONE

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Disposal Considerations
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Waste Disposal Methods:SPRAY INTO THE FURNACE UNDER APPROVED OPERATING PROCEDURES.INCINERATION WILL BECOME EASIER BY MIXING WITH A MORE FLAMMABLE SOLVENT.

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