

IBM CORP -- IBM, GREASE, NO. 20 LUBE P/N 0117397 -- 9150-00-487-8861  
===== Product Identification =====

Product ID:IBM, GREASE, NO. 20 LUBE P/N 0117397

MSDS Date:02/06/1990

FSC:9150

NIIN:00-487-8861

MSDS Number: BMQDF

=== Responsible Party ===

Company Name:IBM CORP

Address:OLD ORCHARD ROAD

City:ARMONK

State:NY

ZIP:10504-1709

Country:US

Info Phone Num:800-IBM-4333

Emergency Phone Num:800-IBM-4333

CAGE:7N876

=== Contractor Identification ===

Company Name:IBM CORP

Address:OLD ORCHARD RD

City:ARMONK

State:NY

ZIP:10504

Country:US

Phone:716-722-5151

CAGE:7N876

Company Name:IBM CORPORATION

Address:OLD ORCHARD ROAD

City:ARMONK

State:NY

ZIP:10504-1709

Country:US

Phone:800-426-4333/FAX 214-280-3903

CAGE:30874

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

Ingred Name:MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')

CAS:8012-95-1

RTECS #:PY8030000

Fraction by Wt: 80% %

Other

REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3/10 STEL;9192

Ingred Name:SODIUM SOAP THICKENER  
Fraction by Wt: 15% %  
Other REC Limits:NONE SPECIFIED

Ingred Name:ADDITIVES AND OTHER INGREDIENTS  
Fraction by Wt: 5% %  
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:MAY CAUSE RESPIRATORY IRRITATION, MAY CAUSE EYE IRRITATION, MAY CAUSE SKIN IRRITATION, HIGH PRESSURE INJECTION MAY CAUSE LOCAL NECROSIS, MAY CAUSE GASTROINTESTINAL IRRITATION.  
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.  
Effects of Overexposure:RESPIRATORY TRACT IRRITATION, EYE IRRITATION, TEARING, REDNESS, SKIN IRRITATION, RASH, DERMATITIS, OIL ACNE, TISSUE NECROSIS, GASTROINTESTINAL IRRITATION.  
Medical Conditions Aggravated by Exposure:MAY IRRITATE PEOPLE WITH SKIN PROBLEMS, ASTHMA AND LUNG DISEASES. SUSCEPTIBLE INDIVIDUALS MAY HAVE AN ALLERGIC REACTION.

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

First Aid:EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES.  
SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. OBTAIN IMMEDIATE MEDICAL ATTENTION. FOR LARGE AMOUNTS, GIVE WATER TO DILUTE.  
INHALATION: REMOVE FROM AREA OF EXPOSURE.

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

Flash Point Method:OC  
Flash Point:>399F,>204C  
Lower Limits:NOT GIVEN  
Upper Limits:NOT GIVEN  
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:CONTAIN FOR TREATMENT

EATMENT/DISPOSAL, VENTILATE

AREA, COVER WITH ABSORBENT MATERIAL AND COLLECT, ELIMINATE ALL SOURCES OF IGNITION.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID OR MINIMIZE SKIN CONTACT. STORE AWAY FROM HEAT, SPARKS, OPEN FLAMES OR STRONG OXIDANTS.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

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===== Exposure Controls/P  
ersonal Protection =====

Respiratory Protection:SELF-CONTAINED

Ventilation:GENERAL SHOULD BE SUFFICIENT

Protective Gloves:IMPERMEABLE GLOVES

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EMERGENCY EYEWASH, SHOWER

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

ADDITIONAL IBM PART NUMBERS: 0450672, 0228720, 0771674

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

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HCC:V6

Boiling Pt:B.P. Text:>601F,>316C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:< 0.1 MMHG

Vapor Density:0.87

Spec Gravity:NOT GIVEN

Viscosity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER GREASE, MILD ODOR

Percent Volatiles by Volume:0 %

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, OXIDIZERS

Stability Co

Condition to Avoid:HEAT, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
UNIDENTIFIED ORGANICS

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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