

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 9150
NIIN: 00F024559
Manufacturer's CAGE: 30874
Part No. Indicator: A
Part Number/Trade Name: 0625177 IBM GREASE NO 23

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

Item Name:
Company's Name: IBM CORPORATION
Company's Street: OLD ORCHARD ROAD
Company's P. O. Box: N/K
Company's City: ARMONK
Company's State: NY
Company's Country: US
Company's Zip Code: 10504
Company's Emerg Ph #: (800) 426-4333
Company's Info Ph #: (800) 426-4333
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: F
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 01FEB90
Safety Data Review Date: 16SEP92
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company: IBM CORPORATION
Preparer's St Or P. O. Box: OLD ORCHARD ROAD
Preparer's City: ARMONK
Preparer's State: NY
Preparer's Zip Code: 10504
Other MSDS Number:
MSDS Serial Number: BNXWZ
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

Report for NIIN: 00F024559

NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

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

=====

Proprietary: NO
 Ingredient: PETROLEUM OIL, HYDROTREATED HEAVY NAPHTHENIC DISTILLATE
 (PETROLEUM), PETROLEUM DISTILLATES, MINERAL OIL
 Ingredient Sequence Number: 01
 Percent: 90%
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: PY8035000
 CAS Number: 64742-52-5
 OSHA PEL: N/K
 ACGIH TLV: N/K
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: ALUMINUM SILICATE, BENTONITE, MONTMORILLONITE
 Ingredient Sequence Number: 02
 Percent: 5%
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: CT9450000
 CAS Number: 1302-78-9
 OSHA PEL: N/K
 ACGIH TLV: 10 MG/CUM (DUST)
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: ALIPHATIC, POLYAMIDOAMIDE, FATTY ACID AMIDES *92-2*
 Ingredient Sequence Number: 03
 Percent: 4%
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: 1002903AP
 CAS Number: 68910-93-0
 OSHA PEL: N/K
 ACGIH TLV: N/K
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: SODIUM NITRITE
 Ingredient Sequence Number: 04
 Percent: 1%
 Ingredient Action Code:
 Ingredient Focal Point: F
 NIOSH (RTECS) Number: RA1225000
 CAS Number: 7632-00-0
 OSHA PEL: N/K

Report for NIIN: 00F024559

ACGIH TLV: N/K
 Other Recommended Limit: N/K

=====

Physical/Chemical Characteristics

=====

Appearance And Odor: BROWN-AMBER COLORED SMOOTH GREASE W/SLIGHT PETROLEUM
 ODOR.
 Boiling Point: 600.8F
 Melting Point: N/R
 Vapor Pressure (MM Hg/70 F): 0.01
 Vapor Density (Air=1): N/R

Specific Gravity: 0.88
Decomposition Temperature: N/K
Evaporation Rate And Ref: N/R
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: 0%
Viscosity:
pH: N/R
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss):
Corrosion Rate (IPY): N/R
Autoignition Temperature:

=====
Fire and Explosion Hazard Data
=====

Flash Point: 464F
Flash Point Method: PMCC
Lower Explosive Limit: N/R
Upper Explosive Limit: N/R
Extinguishing Media: DRY CHEMICAL, CO2, FOAM
Special Fire Fighting Proc: WATER MAY CAUSE FROTHING. USE WATER TO KEEP
FIRE EXPOSED CONTAINERS COOL. WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire And Expl Hazrds: N/K

=====
Reactivity Data
=====

Stability: YES
Cond To Avoid (Stability): HEAT, SPARKS, OPEN FLAMES, & OTHER SOURCES OF
IGNITION
Materials To Avoid: STRONG ACIDS, OXIDIZERS
Hazardous Decomp Products: CO, CO2
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): N/K

=====
Health Hazard Data
=====

LD50-LC50 Mixture: N/K
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: EYES: IRRITATION. SKIN: IRRITATION, RASH,
DERMATITIS, & OIL ACNE. INHALATION: RESPIRATORY IRRITATION, HEADACHE,

Report for NIIN: 00F024559

NAUSEA, WEAKNESS, & CONFUSION.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: EYES: IRRITATION. SKIN: IRRITATION, RASH,
DERMATITIS, & OIL ACNE. INHALATION: RESPIRATORY IRRITATION, HEADACHE,
NAUSEA, WEAKNESS, & CONFUSION.
Med Cond Aggravated By Exp: SKIN CONDITIONS, ASTHMA, LUNG DISEASE,
ALLERGIC REACTIONS
Emergency/First Aid Proc: EYES: FLUSH COPIOUSLY W/WATER FOR 15 MINS.
INGESTION: DON'T INDUCE VOMITING. SKIN: WASH AFFECTED AREA W/MILD SOAP &
WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL
CASES.

=====
Precautions for Safe Handling and Use
=====

```

=====
Steps If Matl Released/Spill: COVER W/ABSORBENT MATERIAL & COLLECT.
ELIMINATE ALL SOURCES OF IGNITION.
Neutralizing Agent: N/K
Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL
REGULATIONS. SECURED CHEMICAL LANDFILL & INCINERATION.
Precautions-Handling/Storing: AVOID CONTACT W/SKIN. STORE AWAY FROM HEAT,
SPARKS, OPEN FLAMES, & STRONG OXIDIZERS. KEEP OUT OF REACH OF CHILDREN.
Other Precautions: KEEP CONTAINERS CLOSED WHEN NOT IN USE.
=====

```

Control Measures

```

=====
Respiratory Protection: WEAR SELF-CONTAINED BREATHING APPARATUS.
Ventilation: LOCAL EXHAUST
Protective Gloves: IMPERMEABLE
Eye Protection: CHEMICAL SAFETY GOGGLES
Other Protective Equipment: N/K
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE
REUSE.
Suppl. Safety & Health Data: N/K
=====

```

Transportation Data

```

=====
Transportation Action Code:
Transportation Focal Point:
Trans Data Review Date:
DOT PSN Code:
DOT Symbol:
DOT Proper Shipping Name:
DOT Class:
DOT ID Number:
DOT Pack Group:
DOT Label:
DOT/DoD Exemption Number:
IMO PSN Code:
IMO Proper Shipping Name:
IMO Regulations Page Number:
=====

```

Report for NIIN: 00F024559

```

IMO UN Number:
IMO UN Class:
IMO Subsidiary Risk Label:
IATA PSN Code:
IATA UN ID Number:
IATA Proper Shipping Name:
IATA UN Class:
IATA Subsidiary Risk Class:
IATA Label:
AFI PSN Code:
AFI Symbols:
AFI Prop. Shipping Name:
AFI Class:
AFI ID Number:
AFI Pack Group:
AFI Label:
AFI Special Prov:
AFI Basic Pac Ref:
MMAC Code:
N.O.S. Shipping Name:
Additional Trans Data:

```

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

Disposal Data Action Code:
 Disposal Data Focal Point:
 Disposal Data Review Date:
 Rec # For This Disp Entry:
 Tot Disp Entries Per NSN:
 Landfill Ban Item:
 Disposal Supplemental Data:
 1st EPA Haz Wst Code New:
 1st EPA Haz Wst Name New:
 1st EPA Haz Wst Char New:
 1st EPA Acute Hazard New:
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

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

Label Required: YES
 Technical Review Date: 16SEP92
 Label Date: 04AUG92
 MFR Label Number: N/R
 Label Status: F
 Common Name: 0625177 IBM GREASE NO 23
 Chronic Hazard: YES

Report for NIIN: 00F024559

Signal Word: CAUTION!
 Acute Health Hazard-None:
 Acute Health Hazard-Slight: X
 Acute Health Hazard-Moderate:
 Acute Health Hazard-Severe:
 Contact Hazard-None:
 Contact Hazard-Slight: X
 Contact Hazard-Moderate:
 Contact Hazard-Severe:
 Fire Hazard-None:
 Fire Hazard-Slight: X
 Fire Hazard-Moderate:
 Fire Hazard-Severe:
 Reactivity Hazard-None: X
 Reactivity Hazard-Slight:
 Reactivity Hazard-Moderate:
 Reactivity Hazard-Severe:
 Special Hazard Precautions: EYES: IRRITATION. SKIN: IRRITATION, RASH,
 DERMATITIS, & OIL ACNE. INHALATION: RESPIRATORY IRRITATION, HEADACHE,
 NAUSEA, WEAKNESS, & CONFUSION. TARGET ORGANS: KIDNEY, LIVER
 Protect Eye: Y
 Protect Skin: Y
 Protect Respiratory: Y
 Label Name: IBM CORPORATION
 Label Street: OLD ORCHARD ROAD
 Label P.O. Box: N/K

Label City: ARMONK
Label State: NY
Label Zip Code: 10504
Label Country: US
Label Emergency Number: (800) 426-4333
Year Procured: UNK