

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

FSC: 6810
NIIN: 00F055988
Manufacturer's CAGE: 91224
Part No. Indicator: A
Part Number/Trade Name: 23592 MOLYBDENUM 1REAGENT POWDER PILLOWS-LOW RANGE
MOLYBDATE

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

Item Name:
Company's Name: HACH CO
Company's Street: 5600 LINDBERGH DR
Company's P. O. Box: 389
Company's City: LOVELAND
Company's State: CO
Company's Country: US
Company's Zip Code: 80539-0389
Company's Emerg Ph #: 303-962-6721/515-232-2533
Company's Info Ph #: 303-962-6721/515-232-2533
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: A
Safety Focal Point: F
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 16MAR90
Safety Data Review Date: 07MAY98
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company: HACH CO
Preparer's St Or P. O. Box: 5600 LINDBERGH DR
Preparer's City: LOVELAND
Preparer's State: CO
Preparer's Zip Code: 80539-0389
Other MSDS Number:
MSDS Serial Number: CGWBF
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:

Report for NIIN: 00F055988

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

Ingredients/Identity Information

```

=====
Proprietary: NO
Ingredient: INDICATOR
Ingredient Sequence Number: 01
Percent: <1
Ingredient Action Code: A
Ingredient Focal Point: F
NIOSH (RTECS) Number: 1001642IN
CAS Number:
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K
-----

```

```

Proprietary: NO
Ingredient: BUFFER SYSTEM
Ingredient Sequence Number: 02
Percent: 100
Ingredient Action Code: A
Ingredient Focal Point: F
NIOSH (RTECS) Number: 1015735BS
CAS Number:
OSHA PEL: N/K
ACGIH TLV: N/K
Other Recommended Limit: N/K
=====

```

Physical/Chemical Characteristics

```

=====
Appearance And Odor: GRAY WHITE POWDER W/NO ODOR
Boiling Point: N/K
Melting Point: 294.8F
Vapor Pressure (MM Hg/70 F): N/R
Vapor Density (Air=1): N/K
Specific Gravity: 1.64
Decomposition Temperature: N/K
Evaporation Rate And Ref: N/K
Solubility In Water: COMPLETE
Percent Volatiles By Volume: N/K
Viscosity:
pH: 3.6
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss):
Corrosion Rate (IPY): N/K
Autoignition Temperature:

```

Report for NIIN: 00F055988

Fire and Explosion Hazard Data

```

=====
Flash Point: N/R
Flash Point Method: N/P
Lower Explosive Limit: N/K
Upper Explosive Limit: N/K
Extinguishing Media: WATER, CO2, DRY CHEMICAL
Special Fire Fighting Proc: N/K
Unusual Fire And Expl Hazrds: MAY EMIT TOXIC FUMES IN FIRE.
=====

```

Reactivity Data

```

=====

```

Stability: YES
Cond To Avoid (Stability): HEAT, MOISTURE
Materials To Avoid: ALKALIES, OXIDIZERS, NITRIC ACID
Hazardous Decomp Products: CO, CO2, POTASSIUM OXIDE FROM FIRE
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): N/K

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

LD50-LC50 Mixture:
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: MAY BE IRRITATING TO EYES, SKIN &
RESPIRATORY TRACT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: IRRITATION
Med Cond Aggravated By Exp: NONE
Emergency/First Aid Proc: EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS.
SKIN: FLUSH W/PLENTY OF WATER. INGESTION: GIVE LARGE QUANTITIES OF WATER/
MILK. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL
CASES.

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

Steps If Matl Released/Spill: SWEEP UP POWDER. AVOID BREATHING MATERIAL.
DISSOLVE IN WATER. FLUSH DOWN THE DRAIN W/EXCESS WATER.
Neutralizing Agent: N/K
Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL
REGULATIONS.
Precautions-Handling/Storing: STORE IN A COOL, DRY PLACE.
Other Precautions: AVOID CONTACT W/EYES, SKIN & CLOTHING. DON'T BREATHE
CHEMICALS.

Report for NIIN: 00F055988

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

Respiratory Protection: N/K
Ventilation: ADEQUATE VENTILATION
Protective Gloves: DISPOSABLE
Eye Protection: SAFETY GLASSES
Other Protective Equipment: N/K
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.
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:
 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:

Report for NIIN: 00F055988

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:
 Technical Review Date:
 Label Date:
 MFR Label Number:
 Label Status:
 Common Name:
 Chronic Hazard:

Signal Word:
Acute Health Hazard-None:
Acute Health Hazard-Slight:
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight:
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None:
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None:
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions:
Protect Eye:
Protect Skin:
Protect Respiratory:
Label Name:
Label Street:
Label P.O. Box:
Label City:
Label State:

Report for NIIN: 00F055988

Label Zip Code:
Label Country:
Label Emergency Number:
Year Procured: