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1. IDENTIFICATION

Product identifier

Product Name Caliber™ 3 M EP 0 & EP 1

Other means of identification

(M)SDS Number 1362010

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use only Lubricants, Greases and Release Products

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Identification Whitmores Manufacturing , LLC.

Address Whitmore Manufacturing
930 Whitmore Drive
Rockwall, Texas USA 75087

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E-mail Sales@whitmores.com

Emergency telephone number

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1-800-424-9300 (NORTH AMERICA)

2. HAZARDS IDENTIFICATION

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Appearance Gray

Physical state Paste / Gel

Odor Mild



GHS Label elements, including precautionary statements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Precautionary Statements - Prevention

Obtain special instructions before use
Wear personal protective equipment/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

| Chemical Name | CAS-No | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|--|------------|----------|--|---|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | >80 | - | - |
| Petroleum distillates, hydrotreated light naphthenic | 64742-53-6 | 10-15 | - | - |
| Molybdenum (IV) sulfide | 1317-33-5 | 1-<3 | - | - |

4. FIRST AID MEASURES

First aid measures

- General advice** IF exposed or concerned: Get medical advice/attention.
- Inhalation** Remove to fresh air.
- Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin contact** Wash skin with soap and water.
- Ingestion** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.



Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical No information available.

Hazardous Combustion Products Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH | |
|---|--|---|---|---------------------------|
| Petroleum distillates, hydrotreated light naphthenic 64742-53-6 | 5 mg/m ³ (as oil mist) 2 mg/m ³ (inhalable) | 5 mg/m ³ (as oil mist) | | |
| Molybdenum (IV) sulfide 1317-33-5 | TWA: 10 mg/m ³ Mo inhalable particulate matter TWA: 3 mg/m ³ Mo respirable particulate matter | TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ Mo | IDLH: 5000 mg/m ³ Mo | |
| Chemical Name | Alberta | British Columbia | Ontario TWAEV | Quebec |
| Molybdenum (IV) sulfide 1317-33-5 | TWA: 10 mg/m ³ TWA: 3 mg/m ³ | TWA: 3 mg/m ³ TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 3 mg/m ³ | TWA: 10 mg/m ³ |

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

Appropriate engineering controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

No special protective equipment required.

Hand protection

Wear suitable gloves. Viton™. Rubber gloves.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | |
|-----------------------|--------------------------|
| Physical state | Paste / Gel |
| Appearance | Gray |
| Odor | Mild |
| Color | No information available |
| Odor Threshold | Not applicable |

| Property | Values | Remarks Method |
|-------------------------------|-------------------|--------------------------|
| pH | UNKNOWN | |
| Melting / freezing point | No data available | None known |
| Boiling point / boiling range | No data available | None known |
| Flash Point | >204°C | Cleveland Open Cup (COC) |



| | | |
|--|---|------------|
| Evaporation Rate | No data available | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limit in Air | | None known |
| Upper flammability limit | No data available | |
| Lower flammability limit | No data available | |
| Vapor pressure | No data available | None known |
| Vapor density | No data available | None known |
| Relative density | 0.91 | |
| Water Solubility | Virtually insoluble | |
| Solubility(ies) | Insoluble in water . Soluble in Aromatic solvents | None known |
| Partition coefficient: n-octanol/water | Not Applicable | |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |
| Explosive properties | No information available | |
| Oxidizing properties | No information available | |
| <u>Other Information</u> | | |
| Softening Point | No information available | |
| Molecular Weight | No information available | |
| VOC Content (%) | No information available | |
| Liquid Density | No information available | |
| Bulk Density | No information available | |
| Particle Size | No information available | |
| Particle Size Distribution | No information available | |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Reactivity | No information available. |
| Chemical stability | Stable under normal conditions. |
| Possibility of Hazardous Reactions | None under normal processing. |
| Hazardous Polymerization | Hazardous polymerization does not occur. |
| Conditions to avoid | None known based on information supplied. |
| Incompatible materials | None known based on information supplied. |
| Hazardous Decomposition Products | Carbon oxides. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| | |
|---------------------|--------------------------------|
| Inhalation | No known hazard by inhalation. |
| Eye contact | None known. |
| Skin contact | None known. |

Ingestion Not an expected route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Information on toxicological effects

Symptoms No information available.

Numerical measures of toxicity

Acute Toxicity

Unknown acute toxicity No information available

Component Information

| Chemical Name | LD50 Oral | LD50 Dermal | Inhalation LC50 |
|--|----------------------|-------------------------|--------------------------------------|
| Petroleum distillates, hydrotreated heavy naphthenic | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | |
| Petroleum distillates, hydrotreated light naphthenic | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 2180 mg/m ³ (Rat) 4 h |
| Molybdenum (IV) sulfide | | | > 2820 mg/m ³ (Rat) 4 h |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Legend No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity The environmental impact of this product has not been fully investigated.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|--|-------------------|---|----------------------------|----------------------------|
| Petroleum distillates, hydrotreated heavy naphthenic | | 96h LC50: > 5000 mg/L (Oncorhynchus mykiss) | - | 48h EC50: > 1000 mg/L |
| Petroleum distillates, hydrotreated light naphthenic | | 96h LC50: > 5000 mg/L (Oncorhynchus mykiss) | - | 48h EC50: > 1000 mg/L |

Persistence and Degradability No information available.



Bioaccumulation There is no data for this product.

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

California Hazardous Waste Codes 141

14. TRANSPORT INFORMATION

DOT NOT REGULATED
Proper Shipping Name NON-REGULATED
Hazard Class N/A

TDG Not regulated

MEX NOT REGULATED

ICAO NOT REGULATED

IATA Not regulated
Proper Shipping Name NON REGULATED

IMDG Not regulated

RID NOT REGULATED

ADR NOT REGULATED

ADN NOT REGULATED

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

International Inventories

TSCA Complies.
DSL/NDSL Complies.



| | |
|----------------------|-----------|
| EINECS/ELINCS | Complies. |
| ENCS | Complies. |
| KECL | Complies. |
| PICCS | Complies. |
| AICS | Complies. |

Legend

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| | |
|--|----|
| Acute Health Hazard | No |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|--|------------|---------------|--------------|--------------|----------|
| Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 | | | | | X |
| Petroleum distillates, hydrotreated light naphthenic 64742-53-6 | | X | | | X |
| Molybdenum (IV) sulfide 1317-33-5 | | X | | | |



16. OTHER INFORMATION

| | | | | |
|-----------------------------------|----------------------------------|-----------------------|---------------------------|---|
| NFPA | Health hazards 0 | Flammability 1 | Instability 0 | Physical and Chemical Properties - |
| HMIS | Health hazards 0 | Flammability 1 | Physical hazards 0 | Personal Protection X |
| <i>Chronic Hazard Star Legend</i> | <i>* = Chronic Health Hazard</i> | | | |

Prepared By Product Stewardship
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Disclaimer

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End of Safety Data Sheet

