

SAFETY DATA SHEET

1. Identification

| 1. Identification | | |
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| Product identifier | Moly-Graph® Extreme Pressure Multi-P | urpose Grease - 3 oz |
| Other means of identification | | |
| Product Code | No. SL3144 (Item# 1007868) | |
| Recommended use | Lubricating grease | |
| Recommended restrictions | None known. | |
| Manufacturer/Importer/Supplier/ | Distributor information | |
| Manufactured or sold by: | | |
| Company name | CRC Industries, Inc. | |
| Address | 885 Louis Dr. | |
| | Warminster, PA 18974 US | |
| Telephone | | |
| General Information | 215-674-4300 | |
| Technical Assistance | 800-521-3168 | |
| Customer Service | 800-272-4620 | |
| 24-Hour Emergency (CHEMTREC) | 800-424-9300 (US) | |
| Website | www.crcindustries.com | |
| 2. Hazard(s) identification | | |
| Physical hazards | Not classified. | |
| Health hazards | Acute toxicity, inhalation | Category 4 |
| | Skin corrosion/irritation | Category 2 |
| | Serious eye damage/eye irritation | Category 2 |
| Environmental hazards | Not classified. | |
| OSHA defined hazards | Not classified. | |
| Label elements | | |
| | $\mathbf{\wedge}$ | |
| | | |
| | | |
| Signal word | Warning | |
| Hazard statement | Causes skin irritation. Causes serious eye | irritation. Harmful if inhaled. |
| Precautionary statement | | |
| Prevention | Avoid breathing vapors. Use only outdoors | or in a well-ventilated area. Open doors and windows |
| | or use other means to ensure a fresh air si | upply during use. If you experience any symptoms eave the area. Wash thoroughly after handling. Wear |
| Response | • • • • • | everal minutes. Remove contact lenses, if present and |
| | easy to do. Continue rinsing. If eye irritatio Wash with plenty of water. If skin irritation | n persists: Get medical advice/attention. If on skin: occurs: Get medical advice/attention. Take off euse. If inhaled: Remove person to fresh air and keep |
| Storage | Store away from incompatible materials. | |
| - | | ace with local authority requirements |
| Disposal | Dispose of waste and residues in accordar | |
| Hazard(s) not otherwise classified (HNOC) | None known. | |
| Supplemental information | None. | |

3. Composition/information on ingredients

| / ixtures | | | |
|--|--------------------------|------------|---------|
| Chemical name | Common name and synonyms | CAS number | % |
| distillates (petroleum), hydrotreated heavy naphthenic | | 64742-52-5 | 60 - 70 |
| residual oils (petroleum), solvent-refined | | 64742-01-4 | 20 - 30 |
| polyethylene | | 9002-88-4 | 4 - 7 |
| graphite | | 7782-42-5 | 1 - 3 |
| lithium hydroxide | | 1310-66-3 | 1 - 3 |
| molybdenum disulphide | | 1317-33-5 | 1 - 3 |
| phosphorodithioic acid, o,o-di-c1-14-alkyl esters, zinc salts | | 68649-42-3 | 1 - 3 |
| distillates (petroleum), solvent-refined heavy paraffinic | | 64741-88-4 | ≤ 1 |
| quartz | | 14808-60-7 | ≤ 0.3 |

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

| 4. First-aid measures | |
|--|---|
| Inhalation | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. If inhaled, remove to fresh air. Oxygen or artificial respiration if needed. Call a poison center or doctor/physician if you feel unwell. |
| Skin contact | Remove contaminated clothing. Wash with plenty of soap and water. If burned by hot material, cool skin by quenching with large amounts of cool water. If material is injected under the skin, seek medical attention immediately. Seek medical attention if tissue appears damaged or if pain or irritation persists. Wash contaminated clothing before reuse. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. |
| Ingestion | Do not induce vomiting without advice from poison control center. Rinse mouth. Never give anything by mouth to a victim who is unconscious or is having convulsions. If ingestion of a large amount does occur, call a poison control center immediately. |
| Most important symptoms/effects, acute and delayed | Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |
| Indication of immediate medical attention and special treatment needed | In the event of injection in underlying tissue, immediate treatment should include extensive incision, debridement and saline irrigation. Inadequate treatment can result in ischemia and gangrene. Early symptoms may be minimal. If ingested, check for possible bowel obstruction with ingestion of large quantities of material. Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed. |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |
| 5. Fire-fighting measures | |
| Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Molten material can form flaming droplets if ignited. Addition of water or foam to the fire may cause frothing. Use of water on product above 100 °C (212 °F) can cause product to expand with explosive force. During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| Fire-fighting equipment/instructions | Use standard firefighting procedures and consider the hazards of other involved materials. |

No unusual fire or explosion hazards noted.

General fire hazards

6. Accidental release measures

| 0. Accidental release mea | |
|---|---|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
| Methods and materials for containment and cleaning up | The product is immiscible with water and will spread on the water surface. Prevent entry into waterways, sewer, basements or confined areas. |
| | Large Spills: Stop the flow of material, if this is without risk. Following product recovery, flush area with water. |
| | Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination. |
| | Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. |
| Environmental precautions | Avoid discharge into drains, water courses or onto the ground. |
| 7. Handling and storage | |
| Precautions for safe handling | If this product is stored or applied in high-pressure systems such as grease guns or hydraulic lines, there is the potential for accidental injection into the skin and underlying tissues. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. For product usage instructions, see the product label. |
| Conditions for safe storage, including any incompatibilities | Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). |

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

| Components | Туре | Value | Form |
|--|---|---|---|
| distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) | Ceiling | 1800 mg/m3 | |
| | STEL | 10 mg/m3 | Mist. |
| | TWA | 5 mg/m3 | Mist. |
| US. Workplace Environm | ental Exposure Level (WEEL) Guides | | |
| Components | Туре | Value | |
| lithium hydroxide (CAS 1310-66-3) | Ceiling | 1 mg/m3 | |
| logical limit values | No biological exposure limits noted f | or the ingredient(s). | |
| propriate engineering htrols | Good general ventilation should be u applicable, use process enclosures, maintain airborne levels below recor established, maintain airborne levels shower. | local exhaust ventilation, or oth nmended exposure limits. If ex | ner engineering controls to posure limits have not been |
| ividual protection measure | es, such as personal protective equipn | nent | |
| Eye/face protection | Wear safety glasses with side shield | s (or goggles). | |
| Skin protection | | | |
| Hand protection | Wear protective gloves such as: Nitr | ile. Neoprene. | |
| | | | |

| Respiratory protection | If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels. |
|-----------------------------------|--|
| Thermal hazards | Wear appropriate thermal protective clothing, when necessary. |
| General hygiene considerations | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |

9. Physical and chemical properties

| • | |
|--|------------------------------|
| Appearance | |
| Physical state | Solid, Liquid. |
| Form | Grease. |
| Color | Dark gray. |
| Odor | Mild petroleum. |
| Odor threshold | Not available. |
| рН | Not available. |
| Melting point/freezing point | 464 °F (240 °C) estimated |
| Initial boiling point and boiling range | 680 °F (360 °C) estimated |
| Flash point | 302.0 °F (150.0 °C) Open Cup |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or exp | losive limits |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Vapor pressure | < 0.01 mm Hg (68 °F (20 °C)) |
| Vapor density | > 1 (Air = 1) |
| Relative density | 0.91 |
| Solubility(ies) | |
| Solubility (water) | Insoluble. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | 500 °F (260 °C) estimated |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Percent volatile | Not available. |

10. Stability and reactivity

| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
|---------------------------------------|--|
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Contact with incompatible materials. Avoid heat, sparks, open flames and other ignition sources. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | Carbon oxides. Smoke. Unburned hydrocarbons. Sulfur oxides. Phosphorous oxides. Zinc oxide. Nitrogen oxides (NOx). |

11. Toxicological information

Information on likely routes of exposure

| Inhala | ation | Harmfu | ul if inhaled. |
|--------|-------|--------|----------------|
| | | | |

| e irritation. e data, the classification criteria are not met. In. Symptoms may include stinging, tearing, re- in. May cause redness and pain. Test Resu (CAS 64742-52-5) > 2000 mg > 5000 mg on. o irritation | ults |
|--|---|
| n. Symptoms may include stinging, tearing, re- n. May cause redness and pain. Test Resu (CAS 64742-52-5) > 2000 mg > 5000 mg on. | ults |
| m. May cause redness and pain. Test Resu (CAS 64742-52-5) > 2000 mg > 5000 mg on. | ults |
| (CAS 64742-52-5) > 2000 mg > 5000 mg on. | |
| (CAS 64742-52-5) > 2000 mg > 5000 mg on. | |
| (CAS 64742-52-5) > 2000 mg > 5000 mg on. | |
| > 2000 mg > 5000 mg on. | j/kg |
| > 5000 mg on. | j/kg |
| > 5000 mg on. | j/kg |
| > 5000 mg on. | д/кд |
| on. | |
| on. | a/ka |
| | j/ Ng |
| | |
| e irritation. | |
| | |
| ensitizer. | |
| expected to cause skin sensitization. | |
| No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | |
| to carcinogenicity to humans. | |
| nogenicity | |
| ohthenic 3 Not classifiable as to carcinoge FR 1910.1001-1053) | inicity to humans. |
| | |
| expected to cause reproductive or developme | ental effects. |
| | |
| | |
| nazard. | |
| on may be harmful. Prolonged exposure may c | cause chronic effects. |
| | |
| classified as environmentally hazardous. How e or frequent spills can have a harmful or dam | |
| e on the degradability of any ingredients in the | e mixture. |
| | |
| | |
| environmental effects (e.g. ozone depletion, ph e disruption, global warming potential) are exp | |
| | |
| | aled containers at licensed waste |
| recycled. Collect and reclaim or dispose in sea | |
|) (| t a RCRA hazardous waste (See 40 CFR Part e recycled. Collect and reclaim or dispose in se pose of contents/container in accordance with lo |

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory information

| ι | JS | federal | regu | lations |
|---|----|---------|------|---------|
|---|----|---------|------|---------|

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

phosphorodithioic acid, o,o-di-c1-14-alkyl esters, zinc salts (CAS 68649-42-3)

CERCLA Hazardous Substances: Reportable quantity

Not listed.

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

Other federal regulations

| - | | | | |
|---|---|------------------------------------|--|-------------|
| Clean Air Act (CAA) Section | 112 Hazardous Air Pol | lutants (HAPs) List | | |
| Not regulated. | | | | |
| Clean Air Act (CAA) Section | 112(r) Accidental Relea | ase Prevention (40 C | FR 68.130) | |
| Not regulated. | | | | |
| Safe Drinking Water Act (SDWA) | Contains component(s) |) regulated under the | Safe Drinking Water Act. | |
| Food and Drug Administration (FDA) | Not regulated. | | | |
| Superfund Amendments and Re | authorization Act of 198 | 86 (SARA) | | |
| Classified hazard categories | Acute toxicity (any rout Skin corrosion or irritati Serious eye damage or | ion | | |
| SARA 302 Extremely hazard | lous substance | | | |
| Not listed. | | | | |
| SARA 311/312 Hazardous chemical | Yes | | | |
| SARA 313 (TRI reporting) | | | | |
| Chemical name | | CAS number | % by wt. | |
| phosphorodithioic acid, o zinc salts | o-di-c1-14-alkyl esters, | 68649-42-3 | 1 - 3 | |
| IS state regulations | | | | |
| US, California, Candidate Cl | hemicals List. Safer Cor | nsumer Products Re | gulations (Cal. Code Regs, tit. 22, 69 | 502.3, subo |
| (a)) | | | | |
| (a)) distillates (petroleum), hy distillates (petroleum), so quartz (CAS 14808-60-7) | lvent-refined heavy paraf | finic (CAS 64741-88-4 | | |
| (a)) distillates (petroleum), hy distillates (petroleum), so quartz (CAS 14808-60-7) residual oils (petroleum), | lvent-refined heavy paraf solvent-refined (CAS 647 | finic (CAS 64741-88-4 742-01-4) | | |
| (a)) distillates (petroleum), hy distillates (petroleum), so quartz (CAS 14808-60-7) | lvent-refined heavy paraf solvent-refined (CAS 647 Community Right-to-K | finic (CAS 64741-88-4 742-01-4) | | |

phosphorodithioic acid, o,o-di-c1-14-alkyl esters, zinc salts (CAS 68649-42-3) quartz (CAS 14808-60-7)

US. Massachusetts RTK - Substance List

graphite (CAS 7782-42-5) molybdenum disulphide (CAS 1317-33-5) quartz (CAS 14808-60-7)

US. Pennsylvania Worker and Community Right-to-Know Law

graphite (CAS 7782-42-5) phosphorodithioic acid, o,o-di-c1-14-alkyl esters, zinc salts (CAS 68649-42-3) quartz (CAS 14808-60-7)

US. Rhode Island RTK

graphite (CAS 7782-42-5) polyethylene (CAS 9002-88-4) quartz (CAS 14808-60-7)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

Volatile organic compounds (VOC) regulations

EPA

| VOC content (40 CFR 51.100(s)) | 0 % |
|--|---------------|
| Consumer products (40 CFR 59, Subpt. C) | Not regulated |

State

| Consumer products | Not regulated |
|-------------------|---------------|
| VOC content (CA) | 0 % |
| VOC content (OTC) | 0 % |

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Australia | Australian Inventory of Industrial Chemicals (AICIS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | No |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| Taiwan | Taiwan Chemical Substance Inventory (TCSI) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |
| | | |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

| Issue date | 11-03-2020 |
|---------------|---------------|
| Revision date | 03-24-2022 |
| Prepared by | Danica Fulmer |
| Version # | 02 |

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|----------------------|--|
| Revision information | This document has undergone significant changes and should be reviewed in its entirety. |