



MATERIAL SAFETY DATA SHEET (MSDS)

MULTIPURPOSE GREASE (NLGI Grade 3 rating)

Product Name: MCB Lithium MP 3 (Version 2.0)

Sales Information: Mineral Circles Bearings Jebel Ali Free Zone South Dubai, UAE

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CATEGORY A: Composition or Information on Ingredients

Name of Ingredients:

Base Oil: Mineral

Additive: Antioxidant, Antirust, <10%

Nature of Soap: Lithium Base

CATEGORY B: Hazardous Information

Warning: This product in closed container must be handled with care because any accidental spill will cause damage to the tissue.

Eye Contact: May cause mild irritation

Ingestion: Small quantity can cause stomach discomforts, nausea, and vomiting.

Inhalation: Volatilization, especially of the base oil, is prohibited at room temperature as it may cause irritation.

Skin Contact: Prolonged and repeated contact will result to severe irritation (part reddish swelling) and discomforts. Brief contact will cause mild irritation.

Chronic Effects:

Carcinogenicity: IARC: Not listed

Test shows that there is no chronic effect on health with the use of this product.

*IARC (International Agency for Research on Cancer)



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CATEGORY C: First Aid Measures

Ingestion: Immediate medical attention is required.

Skin: Remove contaminated clothing and wash skin thoroughly with soap and water. Get medical attention if discomfort persists.

Eyes: Rinse the eye with water immediately and continue to rinse for several minutes. Contact a physician if discomfort continues.

CATEGORY D: Firefighting Measures

Flash Point: >230 degrees Celsius

Flammability Limits: Flammable

Fire Point: >350 degrees Celsius

Extinguishing Media: According to NFPA. Use Carbon dioxide foam or dry chemicals.

Protective Measures in case of fire: Self contained breathing equipment and chemical resistant clothing are recommended.

CATEGORY E: Accidental Release Measures Personal

Precautions: Minimize skin contact.

Precautions to Protect the Environment: Keep the product out of sewers and watercourses.

Spill Clean-Up Procedures: Take all the precautions listed in this file. Use absorbent material and water mixed with abluent to clean up contaminated area. Avoid contact with eyes or skin. Avoid discharge to all sorts of waterways.

CATEGORY F: Handling and Storage

Keep at the lowest handling temperature.

Exposure to heat must be as limited as possible.

Keep the product out of sewers and watercourses.

Do not squeeze the container and keep away from open flame.

Keep the lid closed when not in use and store it in a proper area.



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CATEGORY G: Exposure Controls and Personal Protection

Eye Protection: Wear splash-proof eye goggles or mask to prevent any possibility of eye contact.

Ventilation: No specific ventilation requirements are noted for normal handling.

Skin Protection: Avoid skin contact. Employees without protection shall take hygienic work practices which includes washing the exposed skin with soap and water. Weekly washing of work clothes is recommended.

CATEGORY H: Physical and Chemical Properties

Appearance/Physical State: Grease

Color: Blue

Boiling Point: Unmeasured

Vapor Pressure: (mmHg@25): low

PH-Value, Concentration of Solution: N/A

Solubility (H₂O): Low CATEGORY

I: Stability and Reactivity

Hazardous Polymerization: Will not occur

CATEGORY J: Toxicological Information

Other Health Effects: The product contains petroleum base oils which may be refined by various processes including solvent extraction and hydro treating. None of the oils is listed in the NTP annals and IARC literature and will not bring carcinogenic factors.

CATEGORY K: Ecological Information

Will not have chronic effect on aquatic environment.



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CATEGORY L: Disposal Considerations

Waste Disposal Procedures: Place contaminated materials in a disposable container and dispose in accordance with Local State and Federal environmental regulations. Contact local environment and health authorities to get the permission for waste disposal.

CATEGORY M: Transport Information

As per the supplier's needs and always keep in a closed container
UN No: N/A
Hazard Class: N/A

CATEGORY N: Regulatory Information

Respirator Information: No

CATEGORY O: Other Information

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