



MATERIAL SAFETY DATA SHEET (MSDS) according to Regulation (EC) No. 1907/2006 - GB
MULTIPURPOSE GREASE (NLGI Grade 3 rating)

MCB LITHIUM MP 3 (VERSION 2.0)

SECTION 1. Product Ingredients and Company Identification

1.1. Product Identification

Product Name: MCB Lithium MP 3

1.3 Company Identification

Company Name: Mineral Circles Bearings Jebel Ali Free Zone South Dubai, UAE
Contact Person: Mohd. Zeeshan
Telephone No.: +971 4 886 5100
Fax No.: +971 4 886 5123
E-mail Address: fzepurchase3@mcb.ae

SECTION 2. Hazardous Information

Warning: This product in the 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 quantities 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 in severe irritation (part reddish swelling) and discomforts. Brief contact will cause mild irritation.

Chronic Effects:

Carcinogenicity: IARC: Not listed

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

*IARC (International Agency for Research on Cancer)

SECTION 3. Product Composition

Base Oil: Mineral

Additive: Antioxidant, Antirust, <10%

Nature of Soap: Lithium Base



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SECTION 4. 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.

SECTION 5. Firefighting Measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, foam, carbon dioxide or water mist.

Use water or water mist to cool non-ignited stock.

Unsuitable extinguishing media: Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture

Not flammable, but combustible.

Can generate harmful flue gases containing carbon monoxide in the event of fire.

5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk.

Avoid inhalation of vapour and flue gases - seek fresh air.

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely.

5.4 Other relevant information

Flash Point: >230 degreesCelsius

Flammability Limits: Flammable

Fire Point: >350 degreesCelsius

SECTION 6. 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.



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SECTION 7. 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.

SECTION 8. 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 include washing the exposed skin with soap and water.
Weekly washing of work clothes is recommended.

SECTION 9. 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

SECTION 10. Stability and Reactivity

Hazardous Polymerization: Will not occur

SECTION 11. 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.



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SECTION 12. Ecological Information

Will not have chronic effect on aquatic environment.

SECTION 13. Disposal Considerations

13.1 Waste treatment methods

A. Product

Methods of disposal:

Where possible, arrange for product recycling.

Dispose off via an authorized person/licensed waste disposal contractor in accordance with local regulations.

European Waste Catalogue (EWC)

Waste code: 12 01 12*

Waste designation: spent waxes and fats

However, deviation from the intended use and/or the presence of any potential contaminants may require an alternative waste disposal code to be assigned by the end user.

B. Packaging

Methods of disposal:

Where possible, arrange for product recycling.

Dispose off via an authorized person/licensed waste disposal contractor in accordance with local regulations.

European Waste Catalogue (EWC)

Waste code: 15 01 10*

Waste designation: packaging containing residues of or contaminated by dangerous substances

SECTION 14. Transport Information

As per the supplier's needs and always keep in a closed container

UN No: N/A

Hazard Class: N/A



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SECTION 15. Regulatory information

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

EU REGULATION (EC) No. 1907/2006 (REACH)

Annex XIV:

 List of substances subject to authorisation
 Substances of very high concern
 None of the components are listed.

Annex XVII:

 Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles
 Not applicable.

Other Regulations

 REACH status

 The Company, as identified in Section 1, sells this product in the EU in compliance with the current requirements of REACH.

 United states inventory (TSCA 8b)

 All components are listed or exempted.

 Australia inventory(AICS)

 All components are listed or exempted.

 Canada inventory

 All components are listed or exempted.

 China inventory(IECSC)

 All components are listed or exempted.

 Japan inventory(ENCS)

 All components are listed or exempted.

 Korea inventory(KECI)

 All components are listed or exempted.

 Philippines inventory (PICCS)

 All components are listed or exempted.

 Taiwan inventory (CSNN)

 All components are listed or exempted.

15.2 Chemical Safety Assessment

No data available.



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SECTION 16. Other Information

Information given herein is offered in good faith as accurately as possible but without guarantee. Conditions of use and the suitability of the product for particular uses are beyond our control.

All risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT.

Appropriate warnings and safe handling procedures should be provided to handlers and users. Persons reviewing this MSDS should make their own determination as to the material's suitability and completeness for use in their particular applications