

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 03/30/2026

Version number 1

Revision: 03/30/2026

- **Product identifier**
- **Trade name:** *MBID Red Lithium MP 2*
- **Other means of identification**
- **Article number:** 80407-2
- **Details of the supplier of the safety data sheet**
- **Manufacturer:**
Battenfeld Grease (Canada) Ltd.
68 Titan Road
Toronto, Ontario M8Z 2J8
Canada
info@battenfeld-grease.com
- **Information department:** Technical Department
- **Emergency telephone number:** During normal operating hours: +1 (416) 239 1548

2 Hazard identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonized System (GHS).

- **Label elements**
- **GHS label elements** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Information pertaining to particular dangers for man and environment:**
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 1

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 1

Reactivity = 0

3 Composition/Information on ingredients

- **Chemical characterization:** *Mixtures*
- **Description:** *Mixture of the substances listed below with nonhazardous additions.*
- **Dangerous components:** *Void*

4 First-aid measures

- **Description of first aid measures**
- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:** *Generally the product does not irritate the skin.*
- **After eye contact:** *Rinse opened eye for several minutes under running water.*
- **After swallowing:** *If symptoms persist consult doctor.*
- **Most important symptoms and effects, both acute and delayed** *No further relevant information available.*

(Contd. on page 2)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 03/30/2026

Version number 1

Revision: 03/30/2026

Trade name: MBID Red Lithium MP 2

(Contd. of page 1)

- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/ Personal protection

- **Control parameters**
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Additional information about design of technical systems:** No further data; see section 7.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 3)

*

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 03/30/2026

Version number 1

Revision: 03/30/2026

Trade name: MBID Red Lithium MP 2

(Contd. of page 2)

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Goggles recommended during refilling.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

· Physical state	Liquid
· Color:	Red
· Odor:	Petroleum-like
· Odor threshold:	Not determined.
· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	338 °C
· Flammability:	Not applicable.
· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Flash point:	255 °C
· Auto igniting:	>315 °C
· Decomposition temperature:	Not determined.
· pH-value:	Not determined.
· Viscosity:	
· Kinematic:	Not determined.
· Dynamic:	Not determined.
· Solubility in / Miscibility with	
· Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Vapor pressure:	Not determined.
· Vapor pressure:	
· Density at 20 °C:	0.90675 g/cm ³
· Relative density	Not determined.
· Vapor density	Not determined.
· Particle characteristics	Not applicable.

- **Other information**

- **Appearance:**

· **Form:** Semi-Solid

- **Important information on protection of health and environment, and on safety.**

· **Ignition temperature:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Solvent content:**

· **Solids content:** 7.2 %

(Contd. on page 4)

CA

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 03/30/2026

Version number 1

Revision: 03/30/2026

Trade name: MBID Red Lithium MP 2

(Contd. of page 3)

- **Change in condition**
- **Evaporation rate** Not determined.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

64742-01-4 Residual oils (petroleum), solvent-refined

Oral	LD50	>2,000 mg/kg (rat)
------	------	--------------------

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
 The product is not subject to classification according to internally approved calculation methods for preparations.
 When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects**
- **Additional ecological information:**
- **General notes:**
 Water hazard class 2 (Self-assessment): hazardous for water
 Do not allow product to reach ground water, water course or sewage system.
 Danger to drinking water if even small quantities leak into the ground.

CA

(Contd. on page 5)

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 03/30/2026

Version number 1

Revision: 03/30/2026

Trade name: MBID Red Lithium MP 2

(Contd. of page 4)

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**
- **DOT/TDG, ADR, ADN, IMDG, IATA** not regulated
- **UN proper shipping name**
- **DOT/TDG, ADR, ADN, IMDG, IATA** not regulated
- **Transport hazard class(es)**
- **DOT/TDG, ADR, ADN, IMDG, IATA**
- **Class** not regulated
- **Packing group**
- **DOT/TDG, ADR, IMDG, IATA** not regulated
- **Environmental hazards:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.
- **Special precautions for user** Not applicable.
- **UN "Model Regulation":** not regulated

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

64742-01-4	Residual oils (petroleum), solvent-refined	ACTIVE	55.0%
64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	ACTIVE	29.479%
64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	ACTIVE	6.945%
7620-77-1	Lithium 12-Hydroxystearate	ACTIVE	6.7%
68457-79-4	Zinc Dialkylthiophosphate	ACTIVE	0.68%
471-34-1	calcium carbonate, precipitated	ACTIVE	0.45%
20786-60-1	Potassium Orthoborate	ACTIVE	0.35%
	Sulfurized Olefin	*	0.25%
84605-20-9	Polyisobutylene Succinimide	ACTIVE	0.063%
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	ACTIVE	0.029%

(Contd. on page 6)

CA

Safety Data Sheet

according to HPR, Schedule 1

Date of issue 03/30/2026

Version number 1

Revision: 03/30/2026

Trade name: MBID Red Lithium MP 2

(Contd. of page 5)

68783-96-0	Calcium Sulfonate	ACTIVE	0.028%
71819-51-7	C.I. Solvent Red 164	*	0.021%
9003-27-4	Polyisobutylene	ACTIVE	0.005%

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients is listed.

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Technical Department

· **Contact:** Ms. McDaniel

· **Date of previous version** 05/17/2019

· **Date of preparation** 03/30/2026

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

· *** Data compared to the previous version altered.**