



Revision Number: 002.0

Issue date: 08/23/2022

1. PRODUCT AND COMPANY IDENTIFICATION

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|----------------------------|---|-----------------------------|---|
| Product name: | BONDERITE L-MR CR 20 METAL REMOVAL known as MULTAN CR 20 | IDH number: | 594878 |
| Product type/use: | Lubricant | Item number: | 594878 |
| Restriction of Use: | None identified | Region: | United States |
| Company address: | Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067 | Contact information: | Telephone: +1 (860) 571-5100 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887 Internet: www.henkelna.com |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
DANGER: MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.

| HAZARD CLASS | HAZARD CATEGORY |
|-------------------|-----------------|
| ASPIRATION HAZARD | 1 |



Precautionary Statements

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| Prevention: | Not prescribed |
| Response: | IF SWALLOWED: Immediately call a physician or poison control center. Do NOT induce vomiting. |
| Storage: | Store locked up. |
| Disposal: | Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations. |

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* |
|--|------------|-------------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO | 64742-65-0 | 60 - 80 |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO | 64742-65-0 | 10 - 30 |
| Hydrocarbon Mix | | 5 - 10 |

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

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| Inhalation: | If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist. |
| Skin contact: | Immediately flush skin with plenty of water (using soap, if available). If symptoms develop and persist, get medical attention. |
| Eye contact: | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If symptoms develop and persist, get medical attention. |
| Ingestion: | Immediate medical treatment necessary. DO NOT induce vomiting unless directed to do so by medical personnel. |
| Symptoms: | See Section 11. |
| Notes to physician: | This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately. |

5. FIRE FIGHTING MEASURES

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| Extinguishing media: | carbon dioxide, foam, powder, water spray jet, fine water spray |
| Special firefighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| Unusual fire or explosion hazards: | This product is combustible at high temperatures. |
| Hazardous combustion products: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

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|-----------------------------------|---|
| Environmental precautions: | Prevent further leakage or spillage if safe to do so. Wear suitable protective clothing, gloves and eye/face protection. Remove all sources of ignition. |
| Clean-up methods: | Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations. |

7. HANDLING AND STORAGE

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| Handling: | Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Remove all sources of ignition. Do not take internally. For industrial use only. Launder work clothes frequently. |
| Storage: | For safe storage, store between 5 °C (41°F) and 30 °C (86°F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Manufacturer recommends storing above 4.4 °C (40 °F). If stored outside of this range, mix well before using. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers. |

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|--|------------------------------------|--|-----------|-------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO | 5 mg/m3 TWA Inhalable fraction. | 5 mg/m3 PEL Mist. 500 ppm (2,000 mg/m3) PEL | None | None |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO | 5 mg/m3 TWA Inhalable fraction. | 5 mg/m3 PEL Mist. 500 ppm (2,000 mg/m3) PEL | None | None |
| Hydrocarbon Mix | None | None | None | None |

| | |
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| Engineering controls: | Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product. |
| Respiratory protection: | If mist is generated (heating, spraying) and engineering controls are not sufficient, wear approved organic vapor respirator suitable for oil mist. When workplace hazards warrant the use of a respirator, appropriate respirators must be used, and a program that follows 29 CFR 1910.134 must be followed. |
| Eye/face protection: | Wear safety glasses; chemical goggles (if splashing is possible). |
| Skin protection: | Chemical resistant, impermeable gloves. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|-------------------|
| Physical state: | Liquid |
| Color: | Amber |
| Odor: | Petroleum |
| Odor threshold: | Not available. |
| pH: | Not applicable |
| Vapor pressure: | Not determined |
| Boiling point/range: | 260 °C (500°F) |
| Melting point/ range: | Not determined |
| Specific gravity: | 0.86 - 0.89 |
| Vapor density: | Not determined |
| Flash point: | 210 °C (410°F) |
| Flammable/Explosive limits - lower: | Not applicable |
| Flammable/Explosive limits - upper: | Not applicable |
| Autoignition temperature: | Not available. |
| Flammability: | Not applicable |
| Evaporation rate: | Not available. |
| Solubility in water: | Partially soluble |
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | Not applicable |
| Viscosity: | 40 - 50 mPa.s |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

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| Stability: | Stable at normal conditions. |
| Hazardous reactions: | None under normal processing. |
| Hazardous decomposition products: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |
| Incompatible materials: | Strong oxidizing agents. |
| Reactivity: | Not available. |
| Conditions to avoid: | Keep away from heat, ignition sources and incompatible materials. |

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: Inhalation of vapors or mists of the product may be irritating to the respiratory system. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.
Skin contact: May cause skin irritation.
Eye contact: This product may cause irritation to the eyes.
Ingestion: Ingestion of this product may cause nausea, vomiting and diarrhea. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|---|--------------------------------------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO | Inhalation LC50 (Rat, 4 h) = 10.5 mg/l Inhalation LC50 (Rat, 4 h) = > 4.026 mg/l Inhalation LC50 (Rat, 4 h) = 2.18 mg/l | Irritant |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO | Inhalation LC50 (Rat, 4 h) = 10.5 mg/l Inhalation LC50 (Rat, 4 h) = > 4.026 mg/l Inhalation LC50 (Rat, 4 h) = 2.18 mg/l | No Data |
| Hydrocarbon Mix | None | No Data |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO | No | No | No |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO | No | No | No |
| Hydrocarbon Mix | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: No data available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

United States Regulatory Information

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| TSCA 8 (b) Inventory Status: | All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory. |
| TSCA 12 (b) Export Notification: | None above reporting de minimis |
| CERCLA/SARA Section 302 EHS: | None above reporting de minimis. |
| CERCLA/SARA Section 311/312: | Immediate Health |
| CERCLA/SARA Section 313: | None above reporting de minimis. |
| California Proposition 65: | This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. |

Canada Regulatory Information

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|-----------------------------|---|
| CEPA DSL/NDL Status: | All components are listed on or are exempt from listing on the Canadian Domestic Substances List. |
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16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: Regulatory Affairs

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