



Revision Number: 003.4

Issue date: 11/10/2014

## 1. PRODUCT AND COMPANY IDENTIFICATION

|                               |   |                     |               |
|-------------------------------|---|---------------------|---------------|
| <b>Product name:</b>          | <b>BONDERITE L-GP 39SY20(235 PENT)</b>                                | <b>IDH number:</b>  | 595282        |
|                               | <b>GEAR MARKING COMPOUND known as MULTAN GEAR MARK 39SY20 (235 PE</b> |                     |               |
| <b>Product type:</b>          | Lubricant   | <b>Item number:</b> | 595282        |
| <b>Restriction of Use:</b>    | None identified   | <b>Region:</b>      | United States |
| <b>Company address:</b>       | <b>Contact information:</b>   |                     |               |
| Henkel Corporation            | Telephone: (860) 571-5100   |                     |               |
| One Henkel Way                | MEDICAL EMERGENCY Phone: Poison Control Center                        |                     |               |
| Rocky Hill, Connecticut 06067 | 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.  
CAUSES SKIN IRRITATION.  
CAUSES SERIOUS EYE IRRITATION.

| HAZARD CLASS      | HAZARD CATEGORY |
|-------------------|-----------------|
| SKIN IRRITATION   | 2               |
| EYE IRRITATION    | 2A              |
| ASPIRATION HAZARD | 1               |

### PICTOGRAM(S)



### Precautionary Statements

|                    |  |
|--------------------|--|
| <b>Prevention:</b> | Wash thoroughly after handling. Wear eye and face protection. Wear protective gloves.  |
| <b>Response:</b>   | IF SWALLOWED: Immediately call a physician or poison control center. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Do NOT induce vomiting. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. |
| <b>Storage:</b>    | Store locked up.   |
| <b>Disposal:</b>   | 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

IDH number: 595282

Product name: BONDERITE L-GP 39SY20(235 PENT) GEAR MARKING COMPOUND known as  
MULTAN GEAR MARK 39SY20 (235 PE

| Hazardous Component(s)      | CAS Number  | Percentage* |
|-----------------------------|-------------|-------------|
| Lubricating grease          | Proprietary | 30 - 60     |
| Iron hydroxide oxide yellow | Proprietary | 30 - 60     |
| Alkylphenol ethoxylate      | Proprietary | 1 - 5       |

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

|                            |   |
|----------------------------|---|
| <b>Inhalation:</b>         | If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.   |
| <b>Skin contact:</b>       | Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention. If this material is injected beneath the skin, regardless of amount injected, get immediate medical attention. Do not wait for symptoms to develop. |
| <b>Eye contact:</b>        | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.   |
| <b>Ingestion:</b>          | Get immediate medical attention. Do not induce vomiting.  |
| <b>Symptoms:</b>           | See Section 11.   |
| <b>Notes to physician:</b> | This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.  |

#### 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>Extinguishing media:</b>               | Water spray (fog), foam, dry chemical or carbon dioxide.   |
| <b>Special firefighting procedures:</b>   | Wear full protective clothing. Wear self-contained breathing apparatus.  |
| <b>Unusual fire or explosion hazards:</b> | This product is combustible at high temperatures. Formation of toxic gases is possible during heating or in fires. |
| <b>Hazardous combustion products:</b>     | 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.

|                                   |  |
|-----------------------------------|--|
| <b>Environmental precautions:</b> | Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Eliminate ignition sources including sources of electrical, static or frictional sparks. |
| <b>Clean-up methods:</b>          | 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

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Do not take internally. For industrial use only. Provide adequate ventilation.

**Storage:** Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. 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 |
|-----------------------------|---|---|-----------|-------|
| Lubricating grease          | None  | None  | None      | None  |
| Iron hydroxide oxide yellow | 5 mg/m <sup>3</sup> TWA Iron oxide fume as Fe | 10 mg/m <sup>3</sup> STEL Iron oxide fume as Fe | None      | None  |
| Alkylphenol ethoxylate      | None  | None  | None      | None  |

**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 ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

**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

|   |                          |
|---|--------------------------|
| <b>Physical state:</b>                          | Liquid                   |
| <b>Color:</b>                                   | Yellow                   |
| <b>Odor:</b>                                    | Petroleum                |
| <b>Odor threshold:</b>                          | Not available.           |
| <b>pH:</b>                                      | Not determined           |
| <b>Vapor pressure:</b>                          | Not determined           |
| <b>Boiling point/range:</b>                     | > 300 °F (> 148.9 °C)    |
| <b>Melting point/ range:</b>                    | Not available.           |
| <b>Specific gravity:</b>                        | 0.90 at 60 °F (15.56 °C) |
| <b>Vapor density:</b>                           | Not determined           |
| <b>Flash point:</b>                             | > 300 °F (> 148.89 °C)   |
| <b>Flammable/Explosive limits - lower:</b>      | Not applicable           |
| <b>Flammable/Explosive limits - upper:</b>      | Not applicable           |
| <b>Autoignition temperature:</b>                | Not applicable           |
| <b>Evaporation rate:</b>                        | Not determined           |
| <b>Solubility in water:</b>                     | Negligible               |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.           |
| <b>VOC content:</b>                             | Not applicable           |
| <b>Viscosity:</b>                               | Not available.           |
| <b>Decomposition temperature:</b>               | Not available.           |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable at normal conditions.   |
| <b>Hazardous reactions:</b>              | None under normal processing.  |
| <b>Hazardous decomposition products:</b> | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |
| <b>Incompatible materials:</b>           | Not available.   |
| <b>Reactivity:</b>                       | This product may react with strong acids, bases and oxidizing agents.  |
| <b>Conditions to avoid:</b>              | Keep away from heat, ignition sources and incompatible materials.  |

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Inhalation, Eyes

### Potential Health Effects/Symptoms

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | 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. Repeated and prolonged overexposure to oil mists may result in droplet deposition, oil granuloma formation, inflammation and increased incidence of infection.                         |
| <b>Skin contact:</b> | This product may cause irritation to the skin. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. If this material is injected beneath the skin, regardless of amount injected, get immediate medical attention. Do not wait for symptoms to develop. A component in this product may be absorbed through the skin in harmful amounts. |
| <b>Eye contact:</b>  | This product may be severely irritating to the eyes.  |
| <b>Ingestion:</b>    | Ingestion of this product may cause nausea, vomiting and diarrhea. May cause dizziness, incoordination, headache, nausea, and vomiting. 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 |
|-----------------------------|-----------------|--------------------------------------|
| Lubricating grease          | None            | No Data                              |
| Iron hydroxide oxide yellow | None            | Irritant                             |
| Alkylphenol ethoxylate      | None            | Irritant                             |

| Hazardous Component(s)      | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) |
|-----------------------------|----------------|-----------------|---|
| Lubricating grease          | No             | No              | No  |
| Iron hydroxide oxide yellow | No             | No              | No  |
| Alkylphenol ethoxylate      | No             | No              | No  |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of according to Federal, State and local governmental regulations.

**Hazardous waste number:** Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

### 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

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act 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 in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

#### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

### 16. OTHER INFORMATION

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

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