



Revision Number: 003.0

Issue date: 05/22/2025

## 1. IDENTIFICATION

|                               |                                       |                                                |               |
|-------------------------------|---------------------------------------|------------------------------------------------|---------------|
| <b>Product name:</b>          | <b>BONDERITE L-FG LS 2127 ACHESON</b> | <b>IDH number:</b>                             | 1225141       |
|                               | <b>known as ACHESON LS2127</b>        |                                                |               |
| <b>Product type/</b>          | Mold Release                          | <b>Item number:</b>                            | 1225141       |
| <b>Recommended use:</b>       |                                       |                                                |               |
| <b>Restriction of Use:</b>    | None identified                       | <b>Region:</b>                                 | United States |
| <b>Company address:</b>       |                                       | <b>Contact information:</b>                    |               |
| Henkel Corporation            |                                       | Telephone: +1 (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   |               |
|                               |                                       | 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:** H319 - CAUSES SERIOUS EYE IRRITATION.  
H350 - MAY CAUSE CANCER.  
H361 - SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

| HAZARD CLASS          | HAZARD CATEGORY |
|-----------------------|-----------------|
| EYE IRRITATION        | 2A              |
| CARCINOGENICITY       | 1A              |
| REPRODUCTIVE TOXICITY | 2               |

### PICTOGRAM(S)



### Precautionary Statements

|                    |                                                                                                                                                                                                                                                                                       |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prevention:</b> | P201 - Obtain special instructions before use.<br>P202 - Do not handle until all safety precautions have been read and understood.<br>P264 - Wash affected area thoroughly after handling.                                                                                            |
| <b>Response:</b>   | P280 - Wear protective gloves, clothing, eye and face protection.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P308+P313 - IF exposed or concerned: Get medical attention. |
| <b>Storage:</b>    | P337+P313 - If eye irritation persists: Get medical attention.                                                                                                                                                                                                                        |
| <b>Disposal:</b>   | P405 - Store locked up.<br>P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.                                                                                                                                     |

**Other hazards** Not available.

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 | Weight %* |
|--------------------------------------------|------------|-----------|
| Carboxymethyl cellulose, sodium salt       | 9004-32-4  | 1 - 5     |
| Quartz (SiO <sub>2</sub> ), <1% respirable | 14808-60-7 | 0.1 - 1   |
| Boehmite (Al(OH)O)                         | 1318-23-6  | 5 - 10    |
| Mica                                       | 12001-26-2 | 5 - 10    |
| Kaolin                                     | 1332-58-7  | 0.1 - 1   |
| diboron trioxide                           | 1303-86-2  | 0.1 - 1   |

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

### 4. FIRST AID MEASURES

#### First Aid Measures by likely routes of exposure

|                                                                                  |                                                                                                                                |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>                                                               | Immediately remove victim to fresh air. If symptoms develop and persist, get medical attention.                                |
| <b>Skin contact:</b>                                                             | Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.                  |
| <b>Eye contact:</b>                                                              | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. |
| <b>Ingestion:</b>                                                                | Get medical attention. DO NOT induce vomiting unless directed to do so by medical personnel.                                   |
| <b>Most important symptoms and effects (acute and delayed):</b>                  | The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information. |
| <b>Indication of any immediate medical attention / special treatment needed:</b> | Treat symptomatically and supportively.                                                                                        |

### 5. FIRE FIGHTING MEASURES

|                                           |                                                                                                          |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Extinguishing media:</b>               | Water spray (fog), foam, dry chemical or carbon dioxide.                                                 |
| <b>Improper extinguishing agents:</b>     | Not available.                                                                                           |
| <b>Special firefighting procedures:</b>   | Wear full protective clothing. Wear self-contained breathing apparatus.                                  |
| <b>Unusual fire or explosion hazards:</b> | May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses. |
| <b>Hazardous combustion products:</b>     | Thermal decomposition can lead to release of irritating gases and vapors.                                |

### 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.                                             |
| <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

|                  |                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling:</b> | Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapors or mists of this product. Use only with adequate ventilation. Do not take internally. For industrial use only.                                                                                                                                                                           |
| <b>Storage:</b>  | For safe storage, store between 5.0 °C (41°F) and 30.0 °C (86°F) Keep container closed. Store in a cool, dry, well-ventilated area. Storage within given temperature limit Outside temperature limits, the properties of the product will change. Store in original container until ready to use. Keep out of reach of children and away from food and drink. Protect from direct sunlight. |

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 |
|--------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|
| Boehmite (Al(OH)O)                         | 1 mg/m3 TWA<br>Respirable fraction.     | None                                                                                                                                                                                                            | None      | None  |
| Mica                                       | 0.1 mg/m3 TWA<br>Respirable fraction.   | 20 MPPCF TWA<br>15 mg/m3 PEL<br>Total dust.<br>5 mg/m3 PEL<br>Respirable fraction.                                                                                                                              | None      | None  |
| Quartz (SiO <sub>2</sub> ), <1% respirable | 0.025 mg/m3 TWA<br>Respirable fraction. | 0.05 mg/m3 TWA<br>(Respirable dust.)<br>(Respirable dust.)<br>0.025 mg/m3<br>OSHA ACT<br>(Respirable dust.)<br>0.05 mg/m3 PEL<br>Respirable dust.<br>2.4 MPPCF TWA<br>Respirable<br>0.1 mg/m3 TWA<br>Respirable | None      | None  |

|                                |                                                                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering controls:</b>   | Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.              |
| <b>Respiratory protection:</b> | If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.            |
| <b>Eye/face protection:</b>    | Wear chemical goggles; face shield (if splashing is possible).                                                                                                           |
| <b>Skin protection:</b>        | Wear impervious gloves for prolonged contact. 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>                              | White, Off white |
| <b>Odor:</b>                               | Ammonia          |
| <b>Odor threshold:</b>                     | Not available.   |
| <b>pH:</b>                                 | 9.5 - 11.0       |
| <b>Vapor pressure:</b>                     | 17.1 mm hg       |
| <b>Boiling point/range:</b>                | 100 °C (212°F)   |
| <b>Melting point/ range:</b>               | 0 °C (32°F)      |
| <b>Density/Relative density:</b>           | 1.1394 - 1.2593  |
| <b>Relative vapor density:</b>             | Not determined   |
| <b>Flash point:</b>                        | Not applicable   |
| <b>Flammable/Explosive limits - lower:</b> | Not available.   |
| <b>Flammable/Explosive limits - upper:</b> | Not available.   |
| <b>Autoignition temperature:</b>           | Not applicable   |
| <b>Flammability:</b>                       | Not applicable   |
| <b>Evaporation rate:</b>                   | 1 (Water = 1)    |

|                                                                   |                                    |
|-------------------------------------------------------------------|------------------------------------|
| <b>Solubility:</b>                                                | Disperses in water as a suspension |
| <b>Partition coefficient n-octanol/water (logarithmic value):</b> | Not determined                     |
| <b>VOC content:</b>                                               | 0 g/l                              |
| <b>Dynamic viscosity:</b>                                         | 700 - 800 cp                       |
| <b>Kinematic viscosity:</b>                                       | Not available.                     |
| <b>Particle characteristics:</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> | Thermal decomposition can lead to release of irritating gases and vapors. |
| <b>Incompatible materials:</b>           | This product reacts with acids.                                           |
| <b>Reactivity:</b>                       | Not available.                                                            |
| <b>Conditions to avoid:</b>              | Elevated temperatures. Freezing conditions.                               |

## 11. TOXICOLOGICAL INFORMATION

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| <b>Likely routes of exposure:</b> | Skin, Inhalation, Eyes, Ingestion |
|-----------------------------------|-----------------------------------|

## Potential Health Effects/Symptoms

|                      |                                                                                                                                                                                                                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>   | Inhalation of vapors or mists of the product may be irritating to the respiratory system. Overexposure to dusts may result in pneumoconiosis, a lung disease due to permanent deposition of substantial amounts of particulate matter in the lungs. Chronic exposure to dust containing quartz silica in excess of exposure limits can cause silicosis. |
| <b>Skin contact:</b> | This product may cause irritation to the skin. Prolonged or repeated contact may worsen irritation.                                                                                                                                                                                                                                                     |
| <b>Eye contact:</b>  | This product may be severely irritating to the eyes.                                                                                                                                                                                                                                                                                                    |
| <b>Ingestion:</b>    | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.                                                                                                                                                                                                                                                                         |

| Hazardous Component(s)                     | LD50s and LC50s                                                                                                         |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Carboxymethyl cellulose, sodium salt       | None                                                                                                                    |
| Quartz (SiO <sub>2</sub> ), <1% respirable | None                                                                                                                    |
| Boehmite (Al(OH)O)                         | Inhalation LC50 (Rat, 4 h) = > 0.888 mg/l<br>Inhalation LC50 (Rat, 4 h) = > 2.3 mg/l                                    |
| Mica                                       | None                                                                                                                    |
| Kaolin                                     | Oral LD50 (Rat) = > 5,000 mg/kg<br>Dermal LD50 (Rat) = > 5,000 mg/kg                                                    |
| diboron trioxide                           | Oral LD50 (Mouse) = 3,163 mg/kg<br>Inhalation LC50 (Rat, 4 h) = > 2.12 mg/l<br>Inhalation LC50 (Rat, 4 h) = > 0.16 mg/l |

| Hazardous Component(s)                     | Immediate Health Effects  | Delayed Health Effects | Chronic Health Effects                                                                                          |
|--------------------------------------------|---------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------|
| Carboxymethyl cellulose, sodium salt       |                           | Allergen               | Respiratory                                                                                                     |
| Quartz (SiO <sub>2</sub> ), <1% respirable |                           |                        | Immune system<br>Lung<br>Some evidence of carcinogenicity                                                       |
| Boehmite (Al(OH)O)                         | Corrosive<br>Irritant     |                        | Respiratory                                                                                                     |
| Mica                                       |                           |                        | Lung                                                                                                            |
| Kaolin                                     | Nuisance dust             |                        |                                                                                                                 |
| diboron trioxide                           | Irritant<br>Nuisance dust |                        | Blood<br>Central nervous system<br>Gastrointestinal<br>Kidney<br>Liver<br>Lung<br>Metabolic<br>Skin<br>Vascular |

| Hazardous Component(s)                     | NTP Carcinogen                | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) |
|--------------------------------------------|-------------------------------|-----------------|---------------------------------------------|
| Carboxymethyl cellulose, sodium salt       | No                            | No              | No                                          |
| Quartz (SiO <sub>2</sub> ), <1% respirable | Known To Be Human Carcinogen. | Group 1         | Yes                                         |
| Boehmite (Al(OH)O)                         | No                            | No              | No                                          |
| Mica                                       | No                            | No              | No                                          |
| Kaolin                                     | No                            | No              | No                                          |
| diboron trioxide                           | No                            | No              | No                                          |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not 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 packaging.

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

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### International Air Transportation (ICAO/IATA)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

### Water Transportation (IMO/IMDG)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

## 15. REGULATORY INFORMATION

### United States Regulatory Information

|                                         |                                                                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TSCA 8 (b) Inventory Status:</b>     | All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.                                                                                    |
| <b>TSCA 12 (b) Export Notification:</b> | None above reporting de minimis                                                                                                                                                                         |
| <b>CERCLA/SARA Section 302 EHS:</b>     | None above reporting de minimis.                                                                                                                                                                        |
| <b>CERCLA/SARA Section 311/312:</b>     | Please refer to the GHS classification in Section 2                                                                                                                                                     |
| <b>CERCLA/SARA Section 313:</b>         | None above reporting de minimis.                                                                                                                                                                        |
| <b>California Proposition 65:</b>       | 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

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CEPA DSL/NDSL Status:</b> | Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details. |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 16. OTHER INFORMATION

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

**Prepared by:** Product Safety and Regulatory Affairs

**Issue date:** 05/22/2025

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