

Safety Data Sheet



Revision Number: 005.1

Issue date: 10/15/2025

1. IDENTIFICATION

| | | | |
|---------------------------------------|------------------------------------------------|---------------------|---------------|
| Product name: | Clover Silicon Carbide Grease Mix | IDH number: | 232895 |
| Product type/ Recommended use: | Sharpening compound | Item number: | 39413 |
| Restriction of Use: | None identified | Region: | United States |
| Company address: | Contact information: | | |
| 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 | | |
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| | Internet: www.henkelna.com | | |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: H335 - MAY CAUSE RESPIRATORY IRRITATION.
H350 - MAY CAUSE CANCER.

| HAZARD CLASS | HAZARD CATEGORY |
|--------------------------------------------------|-----------------|
| CARCINOGENICITY | 1A |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE | 3 |

PICTOGRAM(S)



Precautionary Statements

| | |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prevention: | P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing mist/vapours. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves, clothing, eye and face protection. |
| Response: | P304+P340+P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P308+P313 - IF exposed or concerned: Get medical attention. |
| Storage: | P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. |
| Disposal: | 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 %* |
|----------------------------------------------------------------|------------|-----------|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO | 64742-52-5 | 60 - 80 |
| Silicon carbide | 409-21-2 | 30 - 60 |
| Quartz (SiO ₂) respirable particulates (RCS) >=10% | 14808-60-7 | 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

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|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation: | Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention. |
| Skin contact: | Wash with soap and water. 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. |
| Ingestion: | Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention. |
| Most important symptoms and effects (acute and delayed): | The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information. |
| Indication of any immediate medical attention / special treatment needed: | Not available. |

5. FIRE FIGHTING MEASURES

| | |
|-------------------------------------------|----------------------------------------------------------------------------------------------|
| Extinguishing media: | Water spray (fog), foam, dry chemical or carbon dioxide. |
| Improper extinguishing agents: | Not available. |
| Special firefighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| Unusual fire or explosion hazards: | None |
| Hazardous combustion products: | Oxides of carbon. Toxic and irritating vapors. |

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: | Do not allow product to enter sewer or waterways. |
| Clean-up methods: | Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal. |

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Wash thoroughly after handling.

Storage: Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

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), hydrotreated heavy naphthenic <3%DMSO | 5 mg/m3 TWA Inhalable fraction. | 5 mg/m3 PEL Mist. 500 ppm (2,000 mg/m3) PEL | None | None |
| Silicon carbide | 3 mg/m3 TWA Respirable fraction. 10 mg/m3 TWA Inhalable fraction. 0.1 FIBERS/CM3 TWA Fiber. 3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Inhalable particles. | 5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 5 mg/m3 TWA Respirable fraction. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. | None | None |
| Quartz (SiO2) respirable particulates (RCS) >=10% | 0.025 mg/m3 TWA Respirable fraction. | 0.05 mg/m3 TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m3 OSHA_ACT (Respirable dust.) 0.05 mg/m3 PEL Respirable dust. 2.4 MPPCF TWA Respirable 0.1 mg/m3 TWA Respirable | None | None |

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------------------|-----------------------------------------|
| Physical state: | Viscous, Liquid |
| Color: | Gray / Grey |
| Odor: | Mild, Petroleum |
| Odor threshold: | Not available. |
| pH: | Not available. |
| Vapor pressure: | Not available. |
| Boiling point/range: | 141 - 482 °C (285.8 - 899.6 °F) |
| Melting point/ range: | Not available. |
| Density/Relative density: | 1.3548 |
| Relative vapor density: | Heavier than air. |
| Flash point: | > 93 °C (> 199.4 °F) Cleveland open cup |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Autoignition temperature: | Not available. |

| | |
|-------------------------------------------------------------------|--------------------------|
| Flammability: | Not applicable |
| Evaporation rate: | Less than butyl acetate. |
| Solubility: | Not available. Water |
| Partition coefficient n-octanol/water (logarithmic value): | Not available. |
| VOC content: | Zero |
| Dynamic viscosity: | Not available. |
| Kinematic viscosity: | Not available. |
| Particle characteristics: | Not available. |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------------|-------------------------------------------------------------------|
| Stability: | Stable under normal conditions of storage and use. |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Oxides of carbon. Hydrocarbons. Acrid smoke and fumes. |
| Incompatible materials: | Strong oxidizing agents. Strong acids and strong bases. |
| Reactivity: | Not available. |
| Conditions to avoid: | Keep away from heat, ignition sources and incompatible materials. |

11. TOXICOLOGICAL INFORMATION

| | |
|-----------------------------------|-----------------------------------|
| Likely routes of exposure: | Skin, Inhalation, Eyes, Ingestion |
| Likely routes of exposure: | Skin, Inhalation, Eyes, Ingestion |

Potential Health Effects/Symptoms

| | |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Inhalation: | May cause respiratory tract irritation. |
| Inhalation: | May cause respiratory tract irritation. |
| Skin contact: | May cause skin irritation. |
| Skin contact: | May cause skin irritation. |
| Eye contact: | May cause eye irritation. |
| Eye contact: | May cause irritation. |
| Ingestion: | May cause gastrointestinal tract irritation if swallowed. |
| Ingestion: | Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed. |

| Hazardous Component(s) | LD50s and LC50s |
|----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO | Inhalation LC50 (Rat, 4 h) = > 4.026 mg/l Inhalation LC50 (Rat, 4 h) = 2.18 mg/l Inhalation LC50 (Rat, 4 h) = 10.5 mg/l Inhalation LC50 (Rat, 4 h) = > 5.2 mg/l Inhalation LC50 (Rat, 4 h) = < 5.7 mg/l |
| Silicon carbide | None |
| Quartz (SiO ₂) respirable particulates (RCS) >=10% | None |

| Hazardous Component(s) | Immediate Health Effects | Delayed Health Effects | Chronic Health Effects |
|----------------------------------------------------------------|--------------------------|------------------------|------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO | | | |
| Silicon carbide | Nuisance dust | | |
| Quartz (SiO ₂) respirable particulates (RCS) >=10% | | | |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|----------------------------------------------------------------|-------------------------------|-----------------|------------------------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO | No | No | No |
| Silicon carbide | No | Group 2A | No |
| Quartz (SiO ₂) respirable particulates (RCS) >=10% | Known To Be Human Carcinogen. | Group 1 | Yes |

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)

| | |
|---------------------------|---------------|
| 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 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: | Please refer to the GHS classification in Section 2 |
| 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. |

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: 3, 8, 11

Prepared by: Product Safety and Regulatory Affairs

Issue date: 10/15/2025

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