Safety Data Sheet VLC-2-600

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

Preparation: October 2011
Review / Revision: May 2014

1. IDENTIFICATION

Part No. and Description: VLC-2-600, Valve Lapping Compounds 600 grit, Clover Silicon Carbide Grease Mix.
Product Type: Sharpening compound. **IDH Number:** 233169 **Item Number:** 39549

Manufacturer: Henkel Corporation
One Henkel Way
Rocky Hill, CT 06067
860-571-5100

Distributor: Goodson Tools & Supplies
156 Galewski Drive
Winona, MN 55987
507-452-1830 or 800-833-8010

Emergency Phone: 800-924-6804 (24 hours)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Physical State: Liquid, Paste
Color: Gray
Odor: Mild, Petroleum

HMIS:
Health: 1
Flammability: 1
Physical Hazard: O
Personal Protection: See Section 8

CAUTION: May cause eye and skin irritation.

Relevant routes of exposure: Skin, inhalation, eyes.

POTENTIAL HEALTH EFFECTS

Inhalation: Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.
Skin Contact: May cause skin irritation with discomfort or rash.
Eye Contact: Contact with eyes will cause irritation.
Ingestion: Not expected to be harmful by ingestion.
Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	CAS NUMBER	%
Distillates (Petroleum), hydrotreated heavy naphthenic	64742-52-5	30-60
Silicon carbide	409-21-2	10-30
Mineral oil light naphthenic hydrotreat. <3% DMSO	64742-53-6	10-30
Cristobalite	14464-46-1	0.1-1

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop and persist, get medical attention.
Ingestion: If conscious, drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms develop

and persist, get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: > 93°C (> 199.4°F) Cleveland open cup.

Autoignition temperature: Not available.

Flammable/Explosive limits-lower%: Not available.

Flammable/Explosive limits-upper%: Not available.

Extinguishing media: Carbon dioxide, foam, powder.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: In case of fire, keep containers cool with water spray.

Hazardous combustion products: Oxides of carbon, oxides of nitrogen, irritating organic vapors.

6. ACCIDENTAL RELEASE MEASURES

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

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.

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 Components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Distillates (Petroleum), hydrotreated heavy naphthenic	5 mg/m3 TWA mist 10 mg/m3 STEL mist 5 mg/m3 TWA Inhalable fraction.	5 mg/m3 TWA mist 500 ppm (2,000 mg/m3) TWA 5 mg/m3 TWA Mist.	None	None
Silicon carbide	10 mg/m3 TWA Inhalable fraction. 3 mg/m3 TWA Respirable fraction.	5 mg/m3 TWA Respirable fraction. 15 mg/m3 TWA Total dust.	None	None
Mineral oil light naphthenic hydrotreat. <3% DMSO	5 mg/m3 TWA Inhalable fraction.	500 ppm (2,000 mg/m3) TWA 5 mg/m3 TWA Mist.	None	None
Cristobalite	0.025 mg/m3 TWA Respirable fraction.	1.2 MPPCF TWA Respirable. 0.05 mg/m3 TWA Respirable. 0.15 mg/m3 TWA Total Dust.	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: Liquid, Paste
Color: Gray
Odor: Mild, Petroleum
Odor threshold: Not available
pH: Not available
Vapor pressure: Not available
Boiling point/range: 285 - 900°F (140.6 -482.2°C)None
Melting Point/range: Not available
Specific Gravity: 1.3548
Vapor Density: Not available
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
Evaporation rate: Not available
Solubility in water: Not available
Partition coefficient (n-octanol/water): Not available
VOC content: Essentially Zero

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous reactions: Not available
Hazardous Decomposition Products: Oxides of carbon. Hydrocarbons Acrid smoke and fumes.
INCOMPATIBLE materials: Strong oxidizing agents.
Conditions to Avoid: Stable

11. TOXICOLOGICAL PROPERTIES

Hazardous Components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Distillates (petroleum), hydrotreated heavy naphthenic	NO	NO	NO
Silicon Carbide	NO	NO	NO
Mineral oil light naphthenic hydrotreated <3% DMSO	NO	NO	NO
Cristobalite	Known carcinogen	Group 1	NO

Hazardous Components	Health Effects/Target Organs
Distillates (petroleum), hydrotreated heavy naphthenic	Irritant
Silicon Carbide	Nuisance dust
Mineral oil light naphthenic hydrotreat. <3% DMSO	Irritant
Cristobalite	Carcinogen, Immune system, Kidney, Lung

12. ECOLOGICAL INFORMATION

Ecological information: Do not empty into drains / surface water / ground water.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.
Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.
Hazardous waste number: Not a RCRA hazardous waste.

14. TRANSPORTATION INFORMATION

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 minimus
CERCLA/SARA Section 302 EHS: None above reporting de minimus
CERCLA/SARA Section 311/312: Immediate Health
CERCLA/SARA 313: None above reporting de minimus.
California Proposition 65: This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
WHMIS hazard class: D.2.A, D.2.B

16. OTHER INFORMATION

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