

Material Safety Data Sheet

Version: 1

Revised June 1, 2006

Ceramlub

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the Substances

Trade name: CERAMLUB
Ultra High Temperature Lubricating Paste

Company Identification

Manufacturer/Supplier: GWR
2267 W. 77th Street
Hialeah, FL 33016
United States
Phone: 1-305-887-1047
Fax: 1-305-887-1046

2. Composition/information on ingredients

Chemical characterisation

Description: Inorganic thickener, oil based paste with synergistic white solid ceramic lubricant particulate.

Hazard(ous) ingredient(s): none

Hazard(ous) impurity(ies): none

3. Hazards identification

Hazard designation: This product does not require labelling. Please observe the safety information of this safety data sheet.

4. First-aid measures

General information: Remove affected person from the danger area. Change out of contaminated, saturated clothing.
On inhalation: Provide with fresh air. If symptoms persists seek medical advice.
On contact with skin: Wash off subsequently with soap and water. If irritation occurs seek medical advice
On contact with the eyes: Flush with cool running water for 15 minutes.
If irritation of the eyes occurs, seek ophthalmologic advice.
If swallowed: If problems occurs, seek medical advice

5. Fire-fighting measures

Fire classification: B
Suitable extinguishing media: Foam, Dry fire-extinguishing media, Carbon dioxide, Water spray jet

Extinguishing media which must not be used for safety reasons:
Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: Substances potentially set free in case of fire: Carbon dioxide (CO₂), Carbon monoxide (CO), Hydrogen sulfide (H₂S), traces of other toxic substances can not be excluded.

Special protective equipment for fire fighting: Protective clothing, Rubber boots, breathing apparatus with independent air supply (isolated).

6. Accidental release measures

Personal precautions:	Use personal protective clothing
Environmental precautions:	Do not allow to enter drains/surface waters/groundwater
Methods for cleaning up / taking up:	Clean contaminated floors and objects thoroughly observing environmental regulations. Treat recovered material as prescribed in: Disposal considerations. Suitable material for picking up: absorbent material, organic / sand / sawdust

7. Handling and Storage

Hints for safe handling:	Use reasonable care when handling this product.
Storage Requirements for storage rooms and vessels:	Store in a cool, dry place. Do not store together with strong oxidizing agents and strong acids.

8. Exposure limitation and personal protective equipment

Additional information on plant design:	See section 7; no additional measures necessary.
Constituents with occupational exposure limits requiring monitoring:	Substance name: not required Exposure limit type: not required Value, unit: not required
Personal protective equipment:	
- Respiratory protection:	not required
- Hand protection:	gloves
- Eye protection:	safety glasses with side shield
- Protective clothing:	protective suit
General health and safety measures:	Remove contaminated, saturated clothing immediately.

9. Physical and chemical Properties

Form:	pasty
Colour:	purple
Odour:	characteristic
Penetration at 25°C:	250 1/10 mm
Dropping point:	none
Flash point:	>200°C
Solubility in water:	insoluble
Decomposition point:	> 400° C
Solvent content:	0%

10. Stability and Reactivity

Stability:	No decomposition if used as prescribed
Materials to avoid:	Avoid contact with strong oxidizing agents and strong acids.

11. Toxicological information

Toxicity tests:	
Acute toxicity.	LD50, oral, rat >2000 mg/kg

The information is derived from the properties of the individual components.

12. Ecological information

Mobility:

Degradable potential:

In accordance with the required stability the product is poorly biodegradable, do not discharge product into the environment without control.

13. Disposal considerations

Disposal / Waste (product):

Disposal in accordance with EC Directive 91/692/EEC
Do not allow entering drains/water courses or ground water

List of proposed waste codes/waste designations in accordance with EWC:

EAK 120112 CH: Key of disposal: 1730

Contaminated packages must be completely emptied and may be reused after proper cleaning.

Wastes, including drums/containers are controlled wastes and should be disposed with the requirements of relevant laws are complied with.

14. Transport information

Land transport (ADR/GGVS, RID/GGVE): No hazardous material as defined by the transport regulations.

Marine transport (IMDG): No hazardous material as defined by the transport regulations.

Air transport ICAO/ IATA: No hazardous material as defined by the transport regulations.

15. Regulatory information

Labelling:

Hazardous symbols and indications of danger for dangerous substances and preparations:

The product is not classified dangerous. This product does not require labelling.

Water hazard class (WGK): 2 (water hazardous)

16. Other information

The information in this safety data sheet is provided in accordance with the national Chemicals Regulations and the EU-Directives. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant laws are complied with. The information's contained in this sheet are based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environment aspects and should not be construed as any guarantee of technical performance or suitability for particular application.