

## **MATERIAL SAFETY DATA SHEET**

**DATE: 28.6.2015 ISSUE No.10 MATERIAL REFERENCE VGP PAGE 1/4**

### 1. IDENTIFICATION OF SUBSTANCE /MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Name: Chemico Grinding Paste 300gm

1.2 Product Codes: FG0038 Extra Fine 360 grit, FG0003 Fine 220 grit,  
FG0004 Medium 120 grit, FG0005 Coarse 80 grit, FG0006 Extra Coarse 30/60  
grit

Application: Grinding in valves in engines and in general engineering as a lapping  
paste.

#### 1.3 COMPANY MANUFACTURER

CHEMICO SALES & OVERSEAS LTD.

P.O. Box 12905

Solihull

West Midlands

B93 3AY

Tel: 01564 742517 Fax: 01564 742617

email [admin@chemico.co.uk](mailto:admin@chemico.co.uk)

emergency telephone 01564 742517

### 2. HAZARDS IDENTIFICATION

This product has no classification under CHIP .Dangerous Substances Directive  
(No. 67/548/EEC), and the Dangerous Preparations Directive (No. 99/45/EC).

This product has no classification under CLP.

Suppliers of raw materials are registered under REACH and raw  
materials not altered by their combination in our processes.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Lithium grease Lithium grease is not classified as hazardous. Silicon Carbide is  
not listed as hazardous. Silicon carbide is less than 35% of this product.

### 4. FIRST AID MEASURES

#### 4.1

Eye contact: Gently wipe from eye using clean lint swab, Caution paste is abrasive  
and will scratch cornea, wash eye well with sterile water. If irritation persists seek  
medical attention.

Skin contact: Wash with soap and water. Seek immediate medical advice if injected  
below skin.

Ingestion: Wipe from mouth. If swallowed seek medical attention, do not induce  
vomiting. Consult a doctor.

Inhalation: N/A

#### 4.2

Most important symptoms and effects, both acute and delayed:

Skin: There may be mild irritation at the site of contact.

Eye: There may be irritation and redness and abrasion at the point of contact.

Ingestion: There may be irritation of the throat

Inhalation: N/A

## 5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media: Carbon dioxide, dry powder, foam and water fog

Non-Suitable Extinguishing Media: Water jet

5.2 Specific Hazards: The product could give rise to hazardous fumes in a fire.

5.3 Firefighters to wear self contained breathing apparatus and wear protective clothing to prevent contact with skin and eye

## 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions: see section 8 for personal protection details

6.2 Environmental Precautions: Not water-soluble

6.3 Method of Cleaning / Recovery: Wipe up, clean surfaces with soapy water.

## 7. HANDLING AND STORAGE

7.1 Handling: Avoid direct contact with the substance

7.2 Storage: Store away from direct heat in cool ventilated area.

Keep away from sources of ignition and keep container tightly closed.

7.3 Specific end use: Grinding in valves in engines and in general engineering as a lapping paste..

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Workplace exposure limits: No data available.

DNEL/PNEC No data available

8.2 Exposure controls

Engineering measures: not applicable

Respiratory protection: not normally required

Hand protection: Protective gloves

Body protection: normal protective work wear

Environmental: No special requirement

## 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance : A grease paste holding abrasive particles

colour: grey/black

odour: aliphatic oil

Density: Approx. 1.35 gm/cc

pH : N/A

Solubility: Insoluble

Boiling Point : >200°C

Flammability: Auto ignition temp >250°C

Flash Point: > 190°C

Melting Point: >200°C

## 10. STABILITY AND REACTIVITY

10.1 Reactivity: stable under recommended transport or storage conditions

10.2 Chemical Stability: Stable under normal conditions

10.3 Hazardous reactions: will not occur under normal transport or storage conditions. Decomposition or separation may occur on exposure to conditions or materials listed below.

10.4 Conditions To Avoid: Strong heat. Sources of ignition. Flames

10.5 Incompatible Materials : Strong oxidising agents. Strong acids.

10.6 Hazardous Decomposition Products: combustion will generate smoke, dioxide and carbon monoxide

## 11. TOXICOLOGICAL INFORMATION

11.1 Toxicity: low order of acute toxicity

11.2 Symptoms /routes of exposure:

Skin: There may be mild irritation at the site of contact.

Eye: There may be irritation and redness and abrasion at the point of contact.

Ingestion: There may be irritation of the throat

Inhalation: N/A

## 12. ECOLOGICAL INFORMATION

12.1 Toxicity: no data available.

Persistence and biodegradability: Product is poorly absorbed onto soils or sediments. Only slightly degradable.

12.3 Bio-Accumulative potential: no potentials known

12.4 Mobility in soil: insoluble in water. Product is poorly absorbed onto soils or sediments.

12.5 Results of PBT and vPvB assessment: this product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects: negligible ecotoxicity

13.1 Waste Treatment Methods:

Disposal operations: Transfer to a suitable container and arrange for collection by specialized disposal company.

Recovery operations: not applicable

Disposal of packaging: dispose of as normal industrial waste

Dispose of in accordance with local and national regulations

14. TRANSPORT INFORMATION

Transport class: This product does not require a classification for transport

15. REGULATORY INFORMATION

Labeling Recommendation: none specific

Risk Phrases: No significant hazard

Safety Phrases: S24/25: Avoid contact with eyes and skin

S29: Do not empty to drains

S2: Keep out of reach of children

16. OTHER INFORMATION

The information contained in this Safety Data Sheet is prepared in accordance with Commission Regulation 1272/2008/EC (CLP) and as of the issue date is believed to be true and correct.

**Legal Disclaimer:** The data contained herein are furnished for information only and are believed to be reliable. However, Chemico Sales & Overseas Limited does not assume responsibility for any results obtained by persons over whose methods Chemico Sales & Overseas Limited has no control. It is the user's responsibility to determine the suitability of Chemico products or any production methods mentioned herein for a particular purpose and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Chemico Sales & Overseas Limited products. In light of the foregoing, Chemico Sales & Overseas Limited specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Chemico Sales & Overseas Limited products. Chemico Sales & Overseas Limited further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

