

## **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

1.2 Product Code: G61030

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

#### **1.3 COMPANY MANUFACTURER**

CHEMICO SALES & OVERSEAS LTD.

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### **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

#### **. 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.

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