

# SAFETY DATA SHEET GLOBAL AL 27 COMPOUND

Issued: 19/02/2012

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Trade Name</b>	<b>GLOBAL AL 27 COMPOUND</b>
<b>Manufacturer/Supplier</b>	Global Lubricants Limited
<b>Address</b>	13 Sandwell Business Development Centre, Oldbury Rd, Smethwick, West Midlands, B66 1NN, England.
<b>Phone Number</b>	+44 (0) 121 544 3638
<b>Fax Number</b>	+44 (0) 121 544 3638
<b>Emergency Phone Number</b>	+44 (0) 7710 754382

## 2. COMPOSITION/INFORMATION ON THE COMPONENTS

**General** – Mineral oil thickened with modified clay and containing soft metal transfer and Laminar solid additives

**Hazardous Ingredients** – None

**R & S Phrases** – Not applicable

**Concentration** – Not applicable

## 3. HAZARD IDENTIFICATION

This product is not classified as hazardous under current UK Health & Safety and Environmental legislation when used in the application for which it is intended.

**Pressure Injection:** Injection of all products will cause severe internal damage if not promptly treated.

Special hazards of product after use: No potentially hazardous components to consider

## 4. FIRST AID MEASURES

**First Aid - Eyes** Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

**First Aid - Skin** Wash skin with soap and water thoroughly.

**First Aid - Ingestion** Not expected to be a problem. If swallowed do not induce vomiting if uncomfortable. Obtain medical attention.

**First Aid – Inhalation** Vapour pressure of this material is low. Inhalation under normal conditions is not usually a problem

**Pressure Injection** Always obtain medical attention immediately, even though injury may appear minor.

## 5. FIRE FIGHTING MEASURES

<b>Flammability</b>	Non-flammable
<b>Flash point °C</b>	>150
<b>Extinguishing media</b>	Foam, dry powder and CO <sub>2</sub>
<b>Products of combustion</b>	Carbon, oxides of carbon and aluminium

## **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions</b>	Spilt product presents a significant slip hazard
<b>N.B.</b>	Avoid exposure of the product to sources of ignition
<b>Environmental precautions</b>	Prevent entry into drains, sewers and water courses
<b>Decontamination procedures</b>	Soak up with inert absorbent or contain and remove by best available means

## **7. HANDLING AND STORAGE**

**Keep containers closed when not in use**  
**Prevent slip hazards**  
**Storage temperature 0 > 40°C**

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Industrial hygiene</b>	Good personal hygiene practises should be followed
<b>Inhalation</b>	No special respiratory protection is required under normal conditions.
<b>Eye Protection</b>	Wear safety glasses if there is a risk of possible eye contact.
<b>Skin Protection</b>	Use barrier cream, wear gloves and overalls if there is a Possibility of prolonged contact.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Silver Paste.
<b>Odour</b>	None
<b>Melting Point (°C)</b>	Melts above 240.
<b>Flash Point (PMCC) (°C)</b>	Above 150
<b>Solubility in Water</b>	Insoluble in water
<b>Vapour Density (air=1)</b>	N/E
<b>Flammability limit (°C)</b>	N/E
<b>Specific gravity @ 20°C</b>	1
<b>Vapour pressure @ 20°C</b>	Below 0.1mm Hg
<b>Boiling point</b>	310 min
<b>Kinematic viscosity @ 40°C</b>	N/A
<b>pH</b>	N/A
<b>UEL</b>	N/E

## **10. STABILITY AND REACTIVITY**

<b>Thermal</b>	Stable.
<b>Light</b>	Stable
<b>Conditions to Avoid</b>	Extreme heat.
<b>Materials to Avoid</b>	Incompatible with strong oxidising agents.

## 11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the products components.

Estimated Oral LD50 RAT > 2g/kg

### HEALTH EFFECTS

<b>On Eyes</b>	May cause transient irritation
<b>On Skin</b>	Unlikely to cause harm on brief or occasional contact
<b>By Inhalation</b>	Low volatility makes inhalation unlikely at ambient temperatures
<b>By Ingestion</b>	May cause nausea, vomiting and diarrhoea
<b>Chronic</b>	Repeated and prolonged skin contact may lead to skin disorders
<b>Other</b>	Products which have become contaminated in use or from external sources May present more serious health effects

## 12. ECOLOGICAL INFORMATION

<b>Biodegradability</b>	N/E
<b>Chemical oxygen demand (mg O<sub>2</sub>/Lt)</b>	N/E
<b>Lubricating greases are inherently, but not readily, biodegradeable</b>	

## 13. DISPOSAL

Placed used and contaminated materials / packaging in suitable containers. Dispose of the Controlled waste in accordance with duty of care (Environmental Protection Act 1990 – Section 34(7)) using a licensed waste disposal company

## 14. TRANSPORT INFORMATION

<b>UN number</b>	Not classified.
<b>ADR/RID - Class</b>	N/A
<b>IMO – Class</b>	N/A
<b>IATA – Class</b>	N/A
<b>Shipping name</b>	N/A
<b>Packaging group</b>	N/A
<b>Marine pollutant</b>	No

**Not classified as hazardous for transport**

## 15. REGULATORY INFORMATION

<b>Hazardous label data</b>	Not classified as dangerous for supply in UK
<b>EC Directives</b>	Framework waste directive, 91/156/EEC Waste oil directive 87/101/EEC
<b>Statutory instruments</b>	The Health & Safety at Work Act 1974 Consumer Protection Act 1990 Environmental Protection Act 1990 Control of Substances Hazardous to Health 1988 The Chemicals (Hazardous Info & Packaging for Supply) Regs 1996

## **16. OTHER INFORMATION**

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of the hazards described in this sheet and of any precautions which should be taken.

Approved codes of practise : waste management. The duty care.

Guidance notes: Occupational Skin Diseases: Health & Safety precautions (EH26)  
Occupational Exposure Limits (EH40)  
The Carcinogenicity Of Mineral Oils (EH58)  
Skin Cancer caused BY oil (MS (B) 6)  
Dermatitis Cautionary Notice (SHW367)  
Effects Of Mineral Oil On The Skin (SHW397)