

SAFETY DATA SHEET

ARVINA PLUS GREASE

Issued: 06/03/2012

Revision No: 2

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: ARVINA PLUS (NLGI grades 1, 2 & 3)

Company name: Global Lubricants Ltd

13 Sandwell Business Development Centre

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Smethwick,

West Midlands

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England

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2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS N°

•FUMED SILICA 7631-86-9

•PAO 68037014

•PTFE 9002-84-0

General:

Fumed Silica Grease with PAO Synthetic Hydrocarbon with added P.T.F.E

Hazardous Ingredients:

P.T.F.E - Hazardous if burnt

R & S Phrases:

Not applicable

Other information:

Not applicable

3. HAZARDS IDENTIFICATION

None

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Unlikely to cause harm on brief or occasional contact. Repeated and prolonged skin contact may lead to skin disorders

Eye contact: May cause transient irritation.

Ingestion: May cause nausea, vomiting and diarrhoea.

Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

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4. FIRST AID MEASURES (ACTION)

Skin contact: Wash off with soap and water. Contaminated clothes should be laundered before reuse.

Eye contact: Bathe the eye with running water for 15 minutes. Seek medical advice if symptoms persist

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Seek medical advice if symptoms persist.

Inhalation: Remove to fresh air.

Care should be taken if using grease guns to avoid pressure injection, if this occurs always seek medical attention even though damage may be slight.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Foam, Dry Powder, CO₂

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Spilt product presents a significant slip hazard. Avoid exposure of the product to sources of ignition. Prevent spill from entering waterways. Collect absorbent material for disposal. Wash down floor area. Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container.

7. HANDLING AND STORAGE

Handling requirements: Keep containers closed when not in use. Prevent slip hazards

Storage conditions: Keep away from sources of ignition. Storage temperature 0 - 40°C

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: No specific ventilation requirements noted.

Respiratory protection: No Special respiratory aids required under normal conditions.

Hand protection: Exercise normal Industrial Hygiene

Skin protection: Avoid prolonged skin contact.

Eye protection: Safety goggles/glasses are advised if there is a risk of eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Grease

Colour: Translucent White

Odour: None

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Flash point °C: > 235 Closed Cup

Relative density: 0.98

Vapour pressure @ 20°C: Below 0.1mm Hg

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Temperatures above 260°C.

Materials to avoid: Strong oxidising agents.

Hazardous decomposition products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide and Phosgene.

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11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the products components. Estimated oral LD50rat >2g/kg

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: Little to no bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Place 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. **Do not burn.**

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

Shipping name: Not Classified

IMDG / IMO

IATA / ICAO

Lubricants Ltd.

15. REGULATORY INFORMATION

Hazard symbols:

None

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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16. OTHER INFORMATION

Ingredients to be declared: None

Other information: The following documentation is published by the UK Health and Safety Executive and is available from H.M. Stationary offices:

EH 40 - Occupational exposure limits

EH 58 - The carcinogenicity of mineral oils

SHW 367 - Dermatitis cautionary notice

SHW 397 - Effects of mineral oil on the skin

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

