

SAFETY DATA SHEET

MOLYSLIP H.S.B.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY.

PRODUCT NAME: MOLYSLIP H.S.B. HIGH SPEED BEARING GREASE
PRODUCT CODE: 22***
SUPPLIER: Molslip Atlantic Limited
1 Astrop Road
Middleton Cheney
Banbury, Oxon, OX17 2PD
TEL: 01295 710001
FAX: 01295 712002
REVISION DATE: July 2000

2. COMPOSITION/INFORMATION ON INGREDIENTS.

GENERAL : Lubricating grease based on highly refined mineral oil thickened by lithium soaps with additives.

3. HAZARDS IDENTIFICATION.

Low hazard product. May cause slight temporary irritation in the eyes. May cause slight skin irritation if contact is frequent or prolonged.

4. FIRST AID MEASURES.

Eyes: Flush with plenty of clean water for at least 15 minutes. If irritation persists, obtain medical attention.
Skin: Wash with soap or approved skin cleanser, and water. Remove heavily contaminated clothing. Where skin rashes or other abnormalities occur as a result of excessive contact, medical advice should be obtained.
Inhalation: Harmful concentrations of vapour do not normally occur.
Ingestion: In the unlikely event of swallowing the product, discomfort, nausea, and irritation may result. Aspiration into lungs (direct or during subsequent vomiting) can cause local irritation of lung tissue which give rise to a chemically induced pneumonia.

5. FIRE FIGHTING MEASURES.

Flammability: 1.5-6 (Volume % in air)
Flash Point:(°c, pmcc): > 150 base oil
Extinguishing Media: Foam, dry chemical powder, carbon dioxide, halon.
Product of Combustion: Mainly oxides of carbon, water vapour with unidentified organic compounds.

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6. ACCIDENTAL RELEASE MEASURES.

Environmental Precautions: Avoid contamination of drains, sewers and water courses.
Decontamination Procedures: Collect in container, wash down floor area as spillages can be slippery.

7. HANDLING AND STORAGE.

Store in original containers below 50°C, in a dry place away from direct sunlight.

8. EXPOSURE CONTROL/PERSONAL PROTECTION.

Engineering Control Measure: General ventilation.
Personal Protection:
Respiratory: Not normally required
Eyes: Chemical goggles are suitable.
Skin: PVC or synthetic rubber gloves are usually suitable.
Other: Observe good standard of personal hygiene.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Appearance: Smooth black gel
Odour: Mild
Density at 15°C: 0.89
pH:
Solubility: Immiscible with water
Flash Point (Closed Cup),°c: > 150
Flammability Limit, In Air, % by Volume: L.E.L: 1.5 U.E.L 6.0
Vapour Pressure @ 20°C: <0.01 mm Hg
Vapour Density (air=1):
Boiling Point (°c): > 200
Pour Point/Melting Point (°c): d.p ~ 180
Kinematic Viscosity at 400°C.mm²s⁻¹: 230 B.O.

10. STABILITY AND REACTIVITY.

Stability: Stable
Conditions to Avoid: Extreme temperatures
Materials to Avoid: Strong oxidising agents.
Hazardous Decomposition products: Significant concentrations of hazardous decomposition products are not expected.

11. TOXICOLOGICAL INFORMATION.

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.

HEALTH EFFECTS.

On Eyes: May cause temporary irritation, tissue damage is not expected.
On Skin: Generally non-irritant
By Inhalation: Concentrations of vapour do not normally arise.
By Ingestion: Ingestion unlikely, discomfort, nausea and irritation may result.
Chronic: There are no reports of long-term adverse toxic effects in man attributable to the use of this type of product.

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12. ECOLOGICAL INFORMATION.

Biodegradability: No applicable test. Chemical Oxygen Demand (mg O₂/l): n.d.

13. DISPOSAL RECOMMENDATIONS.

Place used and contaminated materials/packaging in suitable containers.
Dispose of the controlled waste in accordance with Duty of Care regulations (Environmental Protection Act 1990 - Section 34 (7) using a licensed waste disposal company.

14. TRANSPORT INFORMATION.

Classification for transport:	NOT CLASSIFIED	Packaging Group:
UN Number:		
Shipping Name:		Marine Pollutant:
IMO Class:		ICAO/IATA:
ADR/RID:		

15. REGULATORY INFORMATION.

Hazard Label Data:	NOT CLASSIFIED
EC Directives:	
Statutory Instruments:	The Health & Safety at Works, etc Act 1974. Consumer Protection Act 1987. Environmental Protection Act 1990 Control of Substances Hazardous to Health Regulations 1998 Chemicals (Hazard Information and Packaging) Regulations 1993.

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 any hazards described in this sheet and of any precautions which should be taken.

APPROVED CODES OF PRACTICE : Waste Management. The Duty of Care.

GUIDANCE NOTES:

Occupational skin diseases: Health & Safety precaution (EH 26)

Occupational exposure limited (EH40)

The Carcinogenicity on mineral oils (EK 58)

Skin cancer caused by oils [MS (B) 5]

Save your skin! - Occupational Contact Dermatitis [MS (B) 6]

Dermatitis - cautionary notice [SHW 367]

Effects of mineral oil on the skin [SHW 397]

The above publications are available from HMSO and HSE Sources.

