

APIEZON[®]

AP101 GREASE

Safety Data Sheet

Issue Date: July 2003

1. Substance/Company Identification	Product Name: Apiezon AP101 Grease. CAS Nos: 8012-95-1, 9002-84-0, 4485-12-5. Company Name: M&I Materials Ltd. Hibernia Way, Trafford Park, Manchester, M32 0ZD, UK. Telephone: +44 (0) 161 864 5409 Fax: +44 (0) 161 864 5444
2. Composition/Ingredients	Composition: Hydrocarbon grease. Hazardous Ingredients: None.
3. Hazards Identification	This product is not classified as hazardous.
4. First Aid Measures	Eyes: Irrigate with copious quantities of water. Skin: None envisaged. Inhalation: None envisaged. Ingestion: Do not induce vomiting. Obtain medical attention.
5. Fire Fighting Measures	Suitable extinguishing media: Carbon dioxide, dry powder, foam or water fog. Do not use water jets. Special exposure hazards: None. Special protective equipment: None.
6. Accidental Release Measures	Personal precautions: Spilt product constitutes a slip hazard. Environmental precautions: None. Decontamination procedures: Place in containers. See para.13 re disposal.
7. Handling and Storage	Handling: No special precautions required. Storage: No special precautions required.
8. Exposure Controls/Personal Protection	Engineering control measures: None required. Personal protection: Wash hands after use. Avoid prolonged exposure.

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Safety Data Sheet Continued

9. Physical & Chemical Properties	Physical state: Semi solid. Colour: Yellow. Odour: Faint oily. Melting point: >200°C. Flash point: >250°C. Autoignition point: Not determined. Explosive limits: Not determined. Relative density @ 20°C: 0.981. Water solubility: Insoluble.
10. Stability & Reactivity	Stability: Will not polymerise. Conditions to avoid: Temperatures >200°C. Materials to avoid: Strong oxidising agents. Hazardous decomposition products: May liberate toxic gases at >300°C.
11. Toxicological Information	Based on the product's components: Oral LD50 (rat) >2g/kg. Dermal LD50 (Rabbit) >2g/kg. Acute Health Effects: Eyes: May cause transient irritation. Inhalation: Low volatility makes inhalation unlikely. Ingestion: May cause nausea, vomiting and diarrhoea. Chronic Health Effects: Skin: Repeated and prolonged skin contact may cause skin disorders.
12. Ecological Information	Environmental: When used and/or disposed of as indicated no adverse environmental effects are foreseen. Mobility: Non-volatile/ Insoluble in water. Degradability: Petrolatum base slowly biodegradable in aerobic conditions. PTFE biologically inert.
13. Disposal Considerations	Product and packaging must be disposed of in accordance with local and national regulations. Must not be incinerated due to liberation of toxic gases at >300°C. Unused product may be returned for reclamation.
14. Transport Classification	Not classified as hazardous for transport by air, sea or road.
15. Regulatory Information	All chemical substances in this material are included on the TSCA Inventory of Chemical Substances.
16. Other Information	Changes from last issue: Box 1 - Company contact details, Box 10 - Stability & Reactivity, Box 13 - Disposal Considerations.

APIEZON PRODUCTS