

Safety Data Sheet

January 2016

Page 1 of 5





1. Identification of the	1.1 Product Identifier
Substance/Mixture and of	Material Name: Apiezon AP100 Grease.
the Company/Undertaking	1.2 Relevant identified uses of the substance or mixture and uses advised
	against Product use: Lubricating grease for ultra high vacuum applications.
	Uses advised against: None.
	Uses auviseu against. None.
	1.3 Details of the supplier of the substance or mixture
	Company: M&I Materials Ltd., Hibernia Way, Trafford Park, Manchester, M32 0ZD,
	Telephone: +44 (0)161 864 5409.
	Emergency Telephone: +44 (0)161 864 5439.
	Email: RussellMartin@mimaterials.com.
2. Hazards Identification	This product is not classified as hazardous and therefore there is no legal requirement
	to provide an SDS in Europe. This document has been compiled for information
	purposes, in accordance with Regulation (EU) No 453/2010.
	2.1 Classification of the substance or mixture
	Regulation (EC) No 1272/2008 (CLP): Not classified.
	2.2 Label elements
	Regulation (EC) No 1272/2008 (CLP): No symbol or signal word.
	2.3 Other hazards
	None.
3. Composition/Information on	3.2 Mixture
Ingredients	CAS No.: 8009-03-8.
	CAS No.: 9002-84-0.
4. First Aid Measures	4.1 Description of first aid measures
4. First Alu Medsures	Inhalation: None envisaged due to the low vapour pressure of the substance.
	Skin: Wash with soap and water.
	Eyes: Irrigate with copious amounts of water.
	Ingestion: Do not induce vomiting, obtain medical attention.
	4.2 Most important symptoms and effects, both acute and delayed
	No adverse effects expected.
	4.3 Indication of any immediate medical attention and special treatment needed
	No special treatment required.
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5. Fire Fighting Measures	5.1 Extinguishing media
	Carbon dioxide, dry powder, foam or water fog. Do not use water jets.
	5.2 Special hazards arising from the substance or mixture
	5.2 Special hazards arising from the substance or mixture Combustion products include fluorine compounds, such as hydrogen fluoride.

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Safety Data Sheet

January 2016 Page 2 of 5

	5.3 Advice for fire fighters
	No special precautions are required.
6. Accidental Release	6.1 Personal precautions, protective equipment and emergency procedures
Measures	Spilt product constitutes a slip hazard. Avoid contact with eyes.
	6.2 Environmental precautions
	No special precautions required.
	6.3 Methods and material for containment and cleaning up
	Can be wiped from surfaces and residues cleaned with water and detergent.
7. Handling and Storage	7.1 Precautions for safe handling
	No special precautions required.
	7.2 Conditions for safe storage, including any incompatibilities
	No special precautions required.
	7.2. Specific and upp(p)
	7.3 Specific end use(s) No special precautions required.
	no special precaduloris required.
8. Exposure Controls/	8.1 Control parameters
Personal Protection	No relevant control parameters.
	8.2 Exposure controls
	The level of controls depends on the use. In most cases very small quantities of
	material are used. Eye washes should be available for emergency use.
	Respiratory protection: None required.
	Hand protection: Wash hands after use. For prolonged or repeated skin contact
	gloves are recommended.
	Eye protection: None required.
9. Physical and Chemical	9.1 Information on basic physical and chemical properties
Properties	Appearance: Semi-solid yellow grease.
	Odour: None.
	pH : Not applicable.
	Melting point: 42 to 52°C.
	Initial boiling point and boiling range: >450°C.
	Flash point: >200°C.
	Flammability (solid, gas): Data not available.
	Upper/lower flammability or explosive limits: Data not available.
	Vapour pressure: 7 x 10 ⁻¹¹ Torr at 20°C.
	Vapour density: Not applicable. Relative density: 1.042 at 20°C.
	Water solubility: Insoluble.
	Solubility: Soluble in aromatic hydrocarbon solvents.
	Partition coefficient: n-octanol/water: Data not available.
	Auto-ignition temperature: >250°C.
	Decomposition temperature: >300°C.
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Safety Data Sheet

January 2016 Page 3 of 5

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Safety Data Sheet

January 2016 Page 4 of 5

	12.3 Bioaccumulative potential
	Has the potential to bioaccumulate.
	12.4 Mobility in soil
	Product has low mobility in soil.
	12.5 Results of PBT and vPvB assessment
	The product does not meet criteria for toxicity which requires further assessment. It is not considered PBT or vPvB.
	12.6 Other adverse effects
	No other adverse effects envisaged, PTFE biologically inert.
12 Disposal Considerations	13.1 Waste treatment methods
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 Information	Not classified as hazardous under air (ICAO/IATA), sea (IMDG), road (ADR) or rail (RID) regulations.
	14.1 UN number
	Not relevant.
	14.2 UN proper shipping name
	Not relevant.
	14.3 Transport hazard class
	Not relevant.
	44.4 Decking mean
	14.4 Packing group Not relevant.
	14.5 Environmental hazards
	Not relevant.
	14.6 Special precautions for user
	Not relevant.
15. Regulatory Information	15.1 Safety, health and environmental regulations/legislation specific for the
	substance or mixture
	Product is not subject to Authorisation under REACH.
	15.2 Chemical safety assessment
	A chemical safety assessment has been performed for this substance.
16. Other Information	Compiled according to regulation 1907/EC/2006 Annex II, as amended by Regulation
	(EU) No.453/2010. 16.1 Changes from last issue:
	No significant changes.
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Safety Data Sheet

January 2016 Page 5 of 5

The information provided in this Safety Data Sheet is correct to our best knowledge, information and belief at the date of its publication. It is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.

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