AP100 GREASE

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758Version No 11December 2022SDS Reference Number 1100122201This version replaces all previous versions

Page 1 of 7

SECTION 1. Identification of	1.1 Product ide	entifier			
the Substance/Mixture and of	Material name: Apiezon AP100 Grease.				
the Company/Undertaking	4.2 Delevent is	lentified uses of the output			
	against	lentified uses of the subst	ance or mixture and us	ses advised	
		bricating grease for ultra-hig	h vacuum applications.		
	Uses advised against: None.				
	1.3 Details of the supplier of the substance or mixture				
	Company: M&I Materials Limited, Hibernia Way, Trafford Park, Manchester, M32 0ZD,				
	UK.				
	Telephone: +44				
	Email: aplezonte	ch@mimaterials.com			
	1.4 Emergency	/ telephone			
	Emergency telephone: +44 (0)161 864 5439.				
	Opening hours:	24/7.			
	1.5 Other comments				
		s Information Service: NPI	S contact details		
	Country	Organisation/Company	Address	Web Address	
	United Kingdom	National Poisons Information Service	Dudley Road B18 7QH Birmingham	www.npis.org	
		(Birmingham Centre)	Dio / en Dinningham		
		City Hospital			
		ot provide poisons informati eral practitioner or telephone /ales).		•	
SECTION 2. Hazards Identification	This product is not classified as hazardous and this document has been compiled for				
	information purposes, in accordance with regulation REACH Regulation (EC) No				
	1907/2006, as amended by UK REACH Regulations SI 2019/758 and OSHA hazard				
	communication guidelines.				
	2.1 Classification of the substance or mixture				
	Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP				
	Regulation, UK SI 2019/720, and UK SI 2020/1567): Not classified.				
	2.2 Label elements				
	Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation,				
	UK SI 2019/720, and UK SI 2020/1567): No symbol or signal word.				
	2.3 Other hazards				
	No data available				
SECTION 2. Composition Information	2.4 Cubatar				
SECTION 3. Composition/Information on Ingredients	3.1 Substance Not applicable.				



www.apiezon.com

AP100 GREASE

Page 2 of 7

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758Version No 11December 2022SDS Reference Number 1100122201

This version replaces all previous versions

	Composition:				
	Constituent	CAS Number EC Number EU REACH No	Classification	Concentration (%w/w)	
	Petrolatum	8009-03-8 232-373-2 Not applicable	None	80%	
	PTFE	9002-84-0 618-337-2 Not applicable	None	20%	
	All constituents are listed	on the TSCA inventory.			
SECTION 4. First Aid Measures	calling the emergency nu Inhalation: None envisa Skin: Wash with soap ar Eyes: Irrigate with copion develops. Ingestion: Do not induce	e product container, labe mber, or a physician. ged due to the low vapour d water. Obtain medical a us amounts of water. Obta e vomiting, obtain medical mptoms and effects, bo	pressure of the su attention if irritation ain medical attention attention.	ubstance. develops. on if irritation	
	4.3 Indication of any i	mmediate medical atten uired. Treat symptomatica	•		
SECTION 5. Fire Fighting Measures	 5.1 Extinguishing media Suitable extinguishing media: Carbon dioxide, dry powder, foam or water fog. Unsuitable extinguishing media: Do not use water jets. 				
	5.2 Special hazards arising from the substance or mixture Specific hazards during firefighting: Combustion products include fluorine compounds, such as hydrogen fluoride.				
	contained breathing appa	pment for firefighters: W	·	-	
SECTION 6. Accidental Release Measures	Personal precautions:	ons, protective equipme Refer to protective measu a slip hazard. Avoid conta	res listed in sectior		
	6.2 Environmental pre No special precautions re				



www.apiezon.com



AP100 GREASE

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758Version No 11December 2022SDS Reference Number 1100122201This version replaces all previous versions

Page 3 of 7

	6.4 Reference to For disposal consid Refer to protective	derations see secti			
SECTION 7. Handling and Storage	7.1 Precautions for safe handlingAdvice on safe handling: No special precautions required.For personal protection see section 8.				
	7.2 Conditions for Requirements for dry, cool and well-v food, drink and ani	storage areas an ventilated place. Ke	d containers: Ke	ep containers tigh	
	7.3 Specific end Exposure to air sho For proper and safe	ould be minimised.	•		erly resealed
SECTION 8. Exposure Controls/ Personal Protection	8.1 Control parameters Occupational Exposure Limits:				
	Component	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
	Petrolatum	8009-03-8	TWA	No relevant control parameters	M&I Materials
	PTFE	9002-84-0	TWA	No relevant control parameters	M&I Materials
	Biological occupa Derived No Effect Predicted No Effect 8.2 Exposure co Engineering meas actual risks in use. In most cases very Personal protection Respiratory prote Skin protection: N	Level (DNEL): N/ ct Concentration ontrols sures: The extent small quantities o ve equipment:	A (PNEC): N/A of these protectio f material are use d for normal use.		nds on the

www.apiezon.com

AP100 GREASE

Safety Data Sheet

 According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

 Version No 11
 December 2022

 SDS Reference Number 1100122201

 This version replaces all previous versions

Page 4 of 7

ation of ergency use.
ergency use.



www.apiezon.com



AP100 GREASE

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758Version No 11December 2022SDS Reference Number 1100122201This version replaces all previous versions

Page 5 of 7

	10.6 Hazardous decomposition products
	May liberate toxic fluorine compounds at temperatures >300°C.
SECTION 11. Toxicological Information	11.1 Information on toxicological effects
	Likely routes of exposure: Skin and eyes are the most likely routes for exposure.
	Accidental ingestion may occur. Inhalation is not expected to be a relevant route of
	exposure.
	Product:
	Acute oral toxicity: Low toxicity: LD50 (Rat, female): >2000mg/kg.
	Acute dermal toxicity: Expected to be of low toxicity: LD50 (Rat, female): >2000mg/kg
	Acute inhalation toxicity: Low volatility makes inhalation unlikely.
	Skin corrosion/irritation: Repeated and prolonged skin contact may cause dry skin or
	irritation.
	Eye corrosion/irritation: May cause transient irritation.
	Respiratory or skin sensitization: Not expected to be a skin sensitizer.
	Aspiration hazard: Not considered an aspiration hazard.
	Carcinogenicity/mutagenicity: Not considered a mutagenic hazard or carcinogen.
	Note N: The classification as a carcinogen need not apply if the full refining history is
	known and it can be shown that the substance from which it is produced is not a
	carcinogen.
	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
SECTION 12. Ecological Information	When used and/or disposed of as indicated, no adverse environmental effects are
-	foreseen. Ecotoxicological effects based on knowledge of similar substances.
	12.1 Toxicity
	Product: Expected to be practically non-toxic.
	12.2 Persistence and degradability
	Inherently biodegradable.
	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
	No data available.
	42.6 Endeaving discutting properties
	12.6 Endocrine disrupting properties
	Assessment: The substance/mixture does not contain components considered to have
	endocrine disrupting properties according to REACH Article 57(f) or Commission
	Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at
	levels of 0.1% or higher.
	12.7 Other adverse effects
	No other adverse effects envisaged, PTFE biologically inert.



www.apiezon.com

AP100 GREASE

Safety Data Sheet

 According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

 Version No 11
 December 2022

 SDS Reference Number 1100122201

 This version replaces all previous versions

Page 6 of 7

SECTION 13. Disposal Considerations	13.1 Waste treatment methods
	Product: Do not contaminate any lakes, streams, ponds, groundwater or soil. Avoid flushing into drains.
	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.
	Contaminated packaging: Contaminated tubes should be taken to an approved waste
	handling site for recycling or disposal. Waste code: Uncleaned packaging code 15-01-02 - Empty packaging contaminated
	waste code. Oncleaned packaging code 15-01-02 - Empty packaging contaminated with residues of non-hazardous substances.
SECTION 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.
	Not relevant.
	14.2 UN proper shipping name
	Not relevant.
	14.3 Transport hazard class
	Not relevant.
	14.4 Packing group
	Not relevant.
	14.5 Environmental hazards
	Not relevant.
	14.6 Special precautions for user
	Not relevant.
SECTION 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. REACH - Restrictions on the manufacture, placing on the market and use of
	certain dangerous substances, mixtures and articles (Annex XVII): Not applicable.
	REACH - Candidate List of Substances of Very High Concern for Authorisation
	(Article 59): Not applicable.
	Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not
	applicable.
	Regulation (EU) 2019/1021 on persistent organic pollutants (recast): Not applicable.
	UK REACH List of substances subject to authorisation (Annex XIV): Not
	applicable.
	GB Export and import of hazardous chemicals - Prior Informed Consent (PIC)
	Regulation: Not applicable.
	All constituent substances in this product are listed in the TSCA inventory.



www.apiezon.com

AP100 GREASE

Page 7 of 7

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758Version No 11December 2022SDS Reference Number 1100122201This version replaces all previous versions

15.2 Chemical safety assessment A chemical safety assessment has been performed for this substance. **SECTION 16. Other Information** Compiled according to regulation 1907/EC/2006, as amended by UK REACH Regulations SI 2019/758 and OSHA hazard communication guidelines. 16.1 Changes from last issue Complete review due to update in regulations. 16.2 Abbreviations and acronyms TWA: Limit Value - eight hours ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx -Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC -International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International code for the construction and equipment of ships carrying dangerous chemicals in bulk : with standards and guidelines relevant to the code. 16.3 Key literature references and sources for data Company data. 16.4 Classification and procedure used to derive the classification Further information classification of the substance: Not classified. Classification procedure: Based on product data or assessment.

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.



www.apiezon.com