

SAFETY DATA SHEET

Apiezon® AP201 Vapour Booster Pump Fluid

Version 1 · issued 19 August 2026

1. IDENTIFICATION**Product Identifiers**

Product Name Apiezon® AP201 Vapour Booster Pump Fluid
Other Names Apiezon® AP201 Oil
Product Number(s) AP201, M1-AP201-004, M1-AP201-020, M1-AP201-200
CAS Number Not available

Recommended use of the chemical and restriction on use

Laboratory use. Oil for diffusion-ejector (booster) pumps

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2. HAZARDS IDENTIFICATION**Classification of the substance or mixture**

This product is not classified as hazardous and this document has been compiled for information purposes.

Label Elements

Signal Words None
Hazard Statement(s) Not classified
Precautionary Statement(s) Not classified

Primary route(s) of entry

Primary route of entry: Skin contact
Secondary route: Eye contact

Human Health

Inhalation Unlikely under normal conditions because of the product's very low vapour pressure.
Ingestion Possible if accidentally swallowed; may cause gastrointestinal effects
Eyes May cause transient irritation.
Skin Repeated or prolonged contact may cause skin disorders/irritation.

Environment

Not classified as an environmental hazard under the current GHS criteria.
Nevertheless, do not contaminate soil, groundwater, lakes, streams or ponds and do not flush into drains.

Other Hazards can create a significant slip hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS No.	Content (w/w)	Classification
Distillates (petroleum) hydrotreated heavy naphthenic	64742-52-5	>95%	Not Available
Performance enhancing additives	Proprietary	<5%	Not Available

4. FIRST AID MEASURES

Ingestion	Wash mouth out with water Do not induce vomiting; call for medical help immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Inhalation	Supply fresh air; consult doctor in case of complaints.
Skin Contact	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
Eye Contact	Check for and remove any contact lenses. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Other Information	No adverse effects expected. No special treatment required. Information for doctor: Treat symptomatically and supportively.

5. FIREFIGHTING MEASURES

Suitable extinguishing equipment	
Fire	Suitable extinguishing agents: CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions. For safety reasons unsuitable extinguishing agents: Water with full jet
HAZCHEM	None
Special protective equipment and precautions for fire fighters	
Self-contained breathing apparatus may be required.	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid contact with skin and eyes. Particular danger of slipping on leaked/spilled product. Ensure adequate ventilation.
Environmental precautions	Do not allow to penetrate the ground/soil. Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.
Methods and materials for containment and clean up	Contain and collect spillage with non-combustible, absorbent material e.g.sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling	Avoid eye and prolonged skin contact. Do not heat up to temperatures close to flash point.
Conditions for safe storage	Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground. Information about storage in one common storage facility: Store away from oxidising agents. Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles. Store in a bonded area. Storage class: 10

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards				
Material	TWA ppm	TWA mg/m³	STEL ppm	STEL mg/m³
Oil mist, mineral	-	5mg/m ³	-	
Engineering controls	Eye washes should be available for emergency use. The usual precautionary measures are to be adhered to when handling chemicals. Avoid contact with the eyes and skin. Do not eat, drink, smoke or sniff while working. Do not carry product impregnated cleaning cloths in trouser pockets. Environmental exposure controls: Do not allow to enter drains, sewers or watercourses.			
Personal protective equipment				

Eye and face protection	If splashes are likely to occur wear safety glasses. Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Wash hands after use. For prolonged or repeated skin contact gloves are recommended. Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU). The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Material of gloves: Nitrile rubber, NBR Neoprene gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. Penetration time of glove material: Break-through time: > 480 minutes The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Body protection	Body protection must be chosen depending on product properties, activity and possible exposure. Wear coveralls
Respiratory protection	Do not inhale gases / fumes / aerosols. Use suitable respiratory protective device in case of insufficient ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information	
Appearance	Pale amber liquid
Odour	Characteristic oily
pH	Not applicable
Vapour Pressure	4 x 10 ⁻⁶ Torr at 20°C
Density	at 20°C: 0.899 g/cm ³
Boiling Point	>250°C.
Melting Point	Not available
Solubility	Insoluble
Specific Gravity of Density	Not available
Flash Point	196°C (closed cup).
Flammable (Explosive) Limits	Data not available
Ignition Temperature	>320°C
Formula	Not available

10. STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions of use.
Chemical stability	Stable under normal conditions of use.
Possibility of hazardous reactions	Data not available.
Conditions to avoid	Temperatures >180°C.
Incompatible materials	Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute effects	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.
Eye contact	May cause transient irritation
Skin contact	Repeated and prolonged skin contact may cause dry skin or irritation.
Ingestion	Not available

Inhalation	Low volatility makes inhalation unlikely.
Toxicity and irritation	Germ cell mutagenicity: Based on available data, the classification criteria are not met. Carcinogenicity: Based on available data, the classification criteria are not met. Reproductive toxicity: Based on available data, the classification criteria are not met. STOT-single exposure: Based on available data, the classification criteria are not met. STOT-repeated exposure: Based on available data, the classification criteria are not met. Aspiration hazard: Based on available data, the classification criteria are not met. Subacute to chronic toxicity: Prolonged or repeated skin contact may irritate and cause dermatitis. Additional toxicological information: Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.

12. ECOLOGICAL INFORMATION

Ecotoxicity	When used and or disposed of as indicated no adverse environmental effects are foreseen. Ecotoxicological effects based on knowledge of similar substances.
Persistence and degradability	Inherently biodegradable
Bioaccumulative potential	Has the potential to bioaccumulate.
Other adverse effects	No other adverse effects envisaged.

13. DISPOSAL CONSIDERATIONS

General information

Recommended Hierarchy of Controls:

- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Unused product may be returned for reclamation.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

Delivery of waste oil to officially authorised collectors only.

Uncleaned packaging:

Recommendation:

Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning.

Disposal must be made according to official regulations.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. TRANSPORT INFORMATION

ADG label required	
HAZCHEM	None
UN Number	Not relevant
Proper shipping name	Not relevant
Transport hazard class	Not relevant
Packing group	Not relevant
Environmental hazard	Not relevant
Special precautions for users	Not relevant
Additional information	Not relevant

15. REGULATORY INFORMATION

Poisons Schedule Number	Regulated explosives precursors: None of the ingredients are listed. Regulated poisons: None of the ingredients are listed. Reportable explosives precursors: None of the ingredients are listed. Reportable poisons: None of the ingredients are listed.
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Other Information

Control Of Major Accident Hazards Regulations 2015 (COMAH)
 Named dangerous substances - ANNEX I: None of the ingredients are listed.
 DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances
 in electrical
 and electronic equipment – Annex II: None of the ingredients are listed.
 REGULATION (EU) 2019/1148
 Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the
 purpose of licensing
 under Article 5(3)): None of the ingredients are listed.
 Annex II - REPORTABLE EXPLOSIVES PRECURSORS: None of the ingredients are
 listed.
 Regulation (EC) No 273/2004 on drug precursors: None of the ingredients are listed.
 Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the
 Community
 and third countries in drug precursors: None of the ingredients are listed.

16. OTHER INFORMATION

SDS preparation date

19 August 2026

Comments

A chemical safety assessment has been performed for this substance.
 Abbreviations and acronyms
 UK REACH: REGULATION (EC) No 1907/2006 concerning the Registration,
 Evaluation, Authorisation
 and Restriction of Chemicals
 GB CLP: REGULATION (EC) No 1272/2008 on classification, labelling and packaging
 of substances and
 mixtures.
 UFI: Unique Formula Identifier
 UK- REACH: The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019
 concerning the
 Registration, Evaluation, Authorisation and Restriction of Chemicals
 GB- CLP: Retained GB CLP Regulation (EU) No. 1272/2008 as amended for Great
 Britain on the
 Classification, Labelling and Packaging of Chemicals.
 ADR: Accord relatif au transport international des marchandises dangereuses par route
 (European
 Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 DNEL: Derived No-Effect Level (UK REACH)
 PNEC: Predicted No-Effect Concentration (UK REACH) LC50: Lethal concentration, 50
 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative

References

Apiezon "AP201 Oil" SDS Version 17 March 2026
https://apiezon.com/wp-content/uploads/2022/12/Apiezon_AP201_Oil_SDS_UK.pdf

This Safety Data Sheet (SDS) has been prepared in compliance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice February 2016. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. The information published in this SDS has been compiled from the publications listed in Section 16: to the best of our ability and knowledge these publications are considered accurate. We reserve the right to revise Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.

... End of SDS ...