

AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 1 / 12

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**AVIA ALBA P 5**  
**UFI: UY09-D311-4N4W-4AFF**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1 Relevant uses

Lubricant

#### 1.2.2 Uses advised against

None known.

### 1.3 Details of the supplier of the safety data sheet

#### Company

AVIA AG  
Schmierstoffe  
Grillparzerstrasse 8  
81675 München / GERMANY  
Phone +49 (0)89-455045-0  
Fax +49 (0)89-455045-10  
Homepage [www.avia.de](http://www.avia.de)  
E-mail [datenblatt@avia.de](mailto:datenblatt@avia.de)

#### Address enquiries to

#### Technical information

[datenblatt@avia.de](mailto:datenblatt@avia.de)

#### Safety Data Sheet

[sdb@chemiebuero.de](mailto:sdb@chemiebuero.de) (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

### 1.4 Emergency telephone number

#### Advisory body

+49 (0)89-19240 (24h) (English)

#### Company

+49 (0)89-455045-0

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.

### 2.2 Label elements

#### Hazard pictograms



The product is required to be labelled in accordance with regulation CLP.

#### Signal word

DANGER

#### Contains:

White mineral oil (petroleum)

#### Hazard statements

H304 May be fatal if swallowed and enters airways.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor.  
P331 Do NOT induce vomiting.  
P501 Dispose of contents/container in accordance with local/national regulation.

### 2.3 Other hazards

#### Human health dangers

Frequent persistent contact with the skin can cause skin irritation.

#### Environmental hazards

Does not contain any PBT or vPvB substances.  
Contains no ingredients with endocrine-disrupting properties.

#### Other hazards

none



AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 2 / 12

### SECTION 3: Composition / Information on ingredients

**3.1 Substances**  
not applicable

**3.2 Mixtures**  
The product is a mixture.

Range [%]	Substance
100	White mineral oil (petroleum)
	CAS: 8042-47-5, EINECS/ELINCS: 232-455-8, Reg-No.: 01-2119487078-27-XXXX
	GHS/CLP: Asp. Tox. 1: H304

**Comment on component parts** For full text of H-statements: see SECTION 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information** Take off contaminated clothing and wash before reuse.

**Inhalation** Ensure supply of fresh air.  
In the event of symptoms seek medical treatment.

**Skin contact** When in contact with the skin, clean with soap and water.  
Consult a doctor if skin irritation persists.

**Eye contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

**Ingestion** Consult a doctor immediately.  
Do not induce vomiting.

#### 4.2 Most important symptoms and effects, both acute and delayed

If swallowed or in the event of vomiting, risk of product entering the lungs.  
Nausea, vomiting.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media** Carbon dioxide.  
Water spray jet.  
Dry powder.  
Foam.

**Extinguishing media that must not be used** Full water jet.

#### 5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products, carbon monoxide (CO), not combusted hydrocarbons

#### 5.3 Advice for firefighters

Use self-contained breathing apparatus.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.



AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 3 / 12

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product.  
Keep away from all sources of ignition.

### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

### 6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).  
Dispose of absorbed material in accordance within the regulations.

### 6.4 Reference to other sections

See SECTION 8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Use only in well-ventilated areas.  
Avoid formation of oil dust.  
Keep away from all sources of ignition - Refrain from smoking.  
Wash hands before breaks and after work.  
Do not eat, drink, smoke or take drugs at work.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.  
Prevent penetration into the ground.  
Do not store together with oxidizing agents.  
Keep container tightly closed and store it at a well-ventilated place.  
Protect from heat/overheating and from sun.  
Keep in a cool place.

### 7.3 Specific end use(s)

See product use, SECTION 1.2



AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 4 / 12

**SECTION 8: Exposure controls / personal protection**

**8.1 Control parameters**

**Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)**

not relevant

**DNEL**

Substance
White mineral oil (petroleum), CAS: 8042-47-5
Industrial, inhalative, Long-term - systemic effects, 164.56 mg/m <sup>3</sup>
Industrial, dermal, Long-term - systemic effects, 217.05 mg/kg bw/day
general population, oral, Long-term - systemic effects, 25 mg/kg bw/day
general population, dermal, Long-term - systemic effects, 93.02 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 34.78 mg/m <sup>3</sup>

**PNEC**

Substance
White mineral oil (petroleum), CAS: 8042-47-5
There are no PNEC values established for the substance.

**8.2 Exposure controls**

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
<b>Eye protection</b>	Safety glasses. (EN 166:2001)
<b>Hand protection</b>	0.4 mm Nitrile rubber, >240 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Skin protection</b>	light protective clothing
<b>Other</b>	Avoid contact with eyes and skin. Do not breathe vapour/spray. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
<b>Respiratory protection</b>	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, combination filter A-P2. (DIN EN 14387)
<b>Thermal hazards</b>	No information available.
<b>Delimitation and monitoring of the environmental exposition</b>	Protect the environment by applying appropriate control measures to prevent or limit emissions.



AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 5 / 12

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	liquid
Color	colourless
Odor	odourless
Odour threshold	not applicable
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point or initial boiling point and boiling range [°C]	not determined
Flash point [°C]	190 (DIN ISO 2592)
Flammability	not determined
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	<0.01 (20 °C)
Density [g/cm <sup>3</sup> ]	0.849 (DIN 51757) (15 °C / 59,0 °F)
Relative density	not determined
Bulk density [kg/m <sup>3</sup> ]	not applicable
Solubility in water	virtually insoluble
Solubility other solvents	No information available.
Partition coefficient n-octanol/water (log value)	log KOW > 4
Kinematic viscosity	17 mm <sup>2</sup> /s (40°C) (DIN EN ISO 3104)
Relative vapour density	not determined
Evaporation speed	not applicable
Melting point [°C]	not determined
Auto-ignition temperature [°C]	
Decomposition temperature [°C]	>350
Particle characteristics	No information available.

### 9.2 Other information

Pour point: -12°C (ISO 3016)

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

### 10.2 Chemical stability

The product is stable under standard conditions.

### 10.3 Possibility of hazardous reactions

Reactions with oxidizing agents.

### 10.4 Conditions to avoid

Strong heating.  
See SECTION 7.2.



AVIA AG

81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 6 / 12

#### 10.5 Incompatible materials

Strong oxidizing agent.

#### 10.6 Hazardous decomposition products

No dangerous reactions known if used as directed.  
In the event of fire: See SECTION 5.

AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 7 / 12

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute oral toxicity** Based on available data, the classification criteria are not met.

Product
ATE-mix, oral, >2000 mg/kg bw
Substance
White mineral oil (petroleum), CAS: 8042-47-5
LD50, oral, Rat, >5000 mg/kg (OECD 401)

**Acute dermal toxicity** Based on available data, the classification criteria are not met.

Product
ATE-mix, dermal, >2000 mg/kg bw
Substance
White mineral oil (petroleum), CAS: 8042-47-5
LD50, dermal, Rabbit, >2000 mg/kg (OECD 402)

**Acute inhalational toxicity** Based on available data, the classification criteria are not met.

Product
ATE-mix, inhalative, >20 mg/l
Substance
White mineral oil (petroleum), CAS: 8042-47-5
LC50, inhalative, Rat, >5000 mg/m <sup>3</sup> (4h) (OECD 403)

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

Substance
White mineral oil (petroleum), CAS: 8042-47-5
Eye, Rabbit, OECD 405, non-irritating

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

Substance
White mineral oil (petroleum), CAS: 8042-47-5
dermal, Rabbit, OECD 404, non-irritating

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

Substance
White mineral oil (petroleum), CAS: 8042-47-5
dermal, Guinea pig, OECD 406, non-sensitizing

**Specific target organ toxicity — single exposure** Based on available data, the classification criteria are not met.

**Specific target organ toxicity — repeated exposure** Based on available data, the classification criteria are not met.

Substance
White mineral oil (petroleum), CAS: 8042-47-5
NOAEL, oral, Rat, 1200 mg/kg bw/day, OECD 451



AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 8 / 12

NOAEL, dermal, Rat, 2000 mg/kg bw/day, OECD 411

NOEL, inhalative, Rat, 50 mg/m<sup>3</sup>, OECD 412

**Mutagenicity** Does not contain a relevant substance that meets the classification criteria.

**Reproduction toxicity** Does not contain a relevant substance that meets the classification criteria.

**Carcinogenicity** Does not contain a relevant substance that meets the classification criteria.

Substance

White mineral oil (petroleum), CAS: 8042-47-5

NOAEL, oral, Rat, 1200 mg/kg bw/day, OECD 453

**Aspiration hazard** May be fatal if swallowed and enters airways.

**General remarks**

Toxicological data of complete product are not available.

## 11.2 Information on other hazards

**11.2.1 Endocrine disrupting properties** Contains no ingredients with endocrine-disrupting properties.

**11.2.2 Other information** none

## SECTION 12: Ecological information

### 12.1 Toxicity

Substance

White mineral oil (petroleum), CAS: 8042-47-5

LC50, (96h), Leuciscus idus, >1000 mg/l (OECD 203)

NOEC, (21d), Daphnia sp., >= 1000 mg/l

NOEC, (28d), fish, >= 1000 mg/l

LL50, (48h), Daphnia magna, >100 mg/l (OECD 202)

NOEL, (72h), Algae, >=100 mg/l (OECD 201)

### 12.2 Persistence and degradability

**Behaviour in environment compartments** not determined

**Behaviour in sewage plant** not determined

**Biological degradability** The product is not readily biodegradable.

### 12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

### 12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

### 12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

### 12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.





AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 9 / 12

## 12.7 Other adverse effects

Do not discharge product unmonitored into the environment or into the drainage.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

#### Product

For recycling, consult manufacturer.  
Dispose of as hazardous waste.

#### Waste no. (recommended)

130205\* mineral-based non-chlorinated engine, gear and lubricating oils

#### Contaminated packaging

Uncontaminated packaging may be taken for recycling.  
Contaminated packing should be disposed of as product waste.

#### Waste no. (recommended)

150110\* packaging containing residues of or contaminated by hazardous substances  
150102  
150104

## SECTION 14: Transport information

### 14.1 UN number or ID number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

### 14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"



**AVIA AG**  
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Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 10 / 12

**14.3 Transport hazard class(es)**

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

**14.4 Packing group**

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

**14.5 Environmental hazards**

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

**14.6 Special precautions for user**

Relevant information under SECTION 6 to 8.

**14.7 Maritime transport in bulk according to IMO instruments**

not applicable



AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 11 / 12

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EEC-REGULATIONS

2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148

- **Comment on component parts** Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- **Annex I (REACH)** The product is not subject to Annex I restrictions.
- **Annex XIV (REACH)** According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances  $\geq 0.1\%$  that are subject to authorisation.
- **Annex XVII (REACH)** According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances  $\geq 0.1\%$  that are restricted.  
According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is subject to the following restrictions.  
3

#### TRANSPORT-REGULATIONS

ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)

#### NATIONAL REGULATIONS (EU):

- **Observe employment restrictions for people** Observe employment restrictions for young people.  
Observe employment restrictions for mothers-to-be and nursing mothers.
- **VOC (2010/75/CE)** not relevant

### 15.2 Chemical safety assessment

not determined

## SECTION 16: Other information

### 16.1 Hazard statements (SECTION 3)

H304 May be fatal if swallowed and enters airways.



AVIA AG  
81675 München

Date printed 30.11.2023, Revision 04.08.2022

Version 6.0. Supersedes version: 5.0

Page 12 / 12

## 16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
ATE = acute toxicity estimate  
CAS = Chemical Abstracts Service  
CLP = Classification, Labelling and Packaging  
DMEL = Derived Minimum Effect Level  
DNEL = Derived No Effect Level  
EC50 = Median effective concentration  
ECB = European Chemicals Bureau  
EEC = European Economic Community  
EINECS = European Inventory of Existing Commercial Chemical Substances  
EL50 = Median effective loading  
ELINCS = European List of Notified Chemical Substances  
EmS = Emergency Schedules  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IC50 = Inhibition concentration, 50%  
IMDG = International Maritime Code for Dangerous Goods  
IUCLID = International Uniform Chemical Information Database  
IVIS = In vitro irritation score  
LC50 = Lethal concentration, 50%  
LD50 = Median lethal dose  
LC0 = lethal concentration, 0%  
LOAEL = lowest-observed-adverse-effect level  
LL50 = Median lethal loading  
LQ = Limited Quantities  
MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
NOAEL = No Observed Adverse Effect Level  
NOEC = No Observed Effect Concentration  
PBT = Persistent, Bioaccumulative and Toxic substance  
PNEC = Predicted No-Effect Concentration  
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
STP = Sewage Treatment Plant  
TLV@TWA = Threshold limit value – time-weighted average  
TLV@STEL = Threshold limit value – short-time exposure limit  
VOC = Volatile Organic Compounds  
vPvB = very Persistent and very Bioaccumulative

## 16.3 Other information

This document does not comply with Regulation (EC) No 1907/2006, article 31 (5) and may be used for internal purposes only.

**Classification procedure** Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (Calculation method)

**Modified position** 2.2

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