

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA pace EVO PRIME FE SAE 0W-20

Revision: 14.07.2025

Product code: 172394

Page 1 of 9

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

1.1. Product identifier

AVISTA pace EVO PRIME FE SAE 0W-20

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

Use of the substance/mixture

Engine oil

Uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: AVISTA OIL Deutschland GmbH

Street: Bahnhofstr. 82

Place: D-31311 Uetze

Telephone: +49 5177-850

E-mail: msds@avista-oil.de

Contact person: Product management

Telephone: +49 5177-178 (Only available during office hours.)

E-mail: msds@avista-oil.de

Internet: www.avista-oil.de

1.4. Emergency telephone number:

CHEMTREC: +1-703-527-3887 (international, 24h aday / 7 days a week)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Regulation (EC) No 1272/2008

Special labelling of certain mixtures

EUH208

Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts, Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts. May produce an allergic reaction.

EUH210

Safety data sheet available on request.

2.3. Other hazards

Product can form a film on the water surface that can prevent oxygen exchange. Refer to section 11, 12 and 15

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA pace EVO PRIME FE SAE 0W-20

Revision: 14.07.2025

Product code: 172394

Page 2 of 9

Relevant ingredients

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification (Regulation (EC) No 1272/2008)	
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	45 - < 50 %
	265-157-1	
	649-467-00-8	
	01-2119484627-25	
	Asp. Tox. 1; H304	
68037-01-4	Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	15 - < 20 %
	500-183-1	
	Asp. Tox. 1; H304	
	Highly Refined mineraloil (C15-C50)	1 - < 5 %
	Asp. Tox. 1; H304	
722503-68-6	Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts	< 1 %
	682-816-2	
	Skin Sens. 1B; H317	
114959-46-5	Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts	< 1 %
	601-337-1	
	Skin Sens. 1B; H317	
27859-58-1	(Tetrapropenyl) succinic acid	< 1 %
	248-698-8	
	01-2120752504-57	
	Repr. 2, Skin Irrit. 2, Eye Dam. 1, STOT RE 2; H361d H315 H318 H373	

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
64742-54-7	265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	45 - < 50 %
		dermal: LD50 = >2000 mg/kg	
722503-68-6	682-816-2	Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts	< 1 %
		Skin Sens. 1B; H317: >= 2,01 - 100	

Further Information

The mineral oils in the product contain less than 3 % DMSO extract (IP 346).

Mixtures are not subject to registration. The registration numbers of the ingredients in this mixture (if present) have been listed in item 3.

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

When in doubt or if symptoms are observed, get medical advice.

Never give anything by mouth to an unconscious person or a person with cramps.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

Get medical advice/attention if you feel unwell.

After contact with skin

Immediately remove any contaminated clothing, shoes or stockings.

After contact with skin, wash immediately with plenty of water and soap.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA pace EVO PRIME FE SAE 0W-20

Revision: 14.07.2025

Product code: 172394

Page 3 of 9

In case of skin irritation, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

After ingestion

Do NOT induce vomiting. Call a physician immediately.
Observe risk of aspiration if vomiting occurs.

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

No known symptoms to date.

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

First aider: Pay attention to self-protection!

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Carbon dioxide (CO₂), Extinguishing powder, Water spray jet.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

The formation of combustible vapours is possible at temperatures above: Flash point.

In case of fire may be liberated:

Hydrocarbons, Pyrolysis products, toxic, Carbon dioxide (CO₂), Carbon monoxide, Hydrogen sulphide (H₂S), Nitrogen oxides (NO_x), Phosphorus oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear full chemical protective clothing.

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Additional information

B (Fires of liquids or liquid turning substances)

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Special danger of slipping by leaking/spilling product. Conditions to avoid:

Inhalation. Keep away from sources of ignition - No smoking. Avoid contact with eyes and skin.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA pace EVO PRIME FE SAE 0W-20

Revision: 14.07.2025

Product code: 172394

Page 4 of 9

SECTION 7: Handling and storage
7.1. Precautions for safe handling
Advice on safe handling

All work processes must always be designed so that the following is excluded: Generation/formation of mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Handle and open container with care.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

Advice on general occupational hygiene

Avoid contact with skin, eyes and clothes. Do not put any product-impregnated cleaning rags into your trouser pockets. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. When using do not eat, drink or smoke. Separate storage of work clothes.

Further information on handling

The formation of combustible vapours is possible at temperatures above: Flash point

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels

Keep/Store only in original container.

Hints on joint storage

Keep away from: Oxidising agent, strong

Further information on storage conditions

Do not expose to temperatures above 50 °C.
 Keep container tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)

see product information

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
DNEL/DMEL values

CAS No	Name of agent		
DNEL type	Exposure route	Effect	Value
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified		
Worker DNEL, long-term	inhalation	local	5,58 mg/m ³
Worker DNEL, long-term	dermal	systemic	0,97 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	2,73 mg/m ³

PNEC values

CAS No	Name of agent	
Environmental compartment	Value	
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	
Secondary poisoning	9,33 mg/kg	

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA pace EVO PRIME FE SAE 0W-20

Revision: 14.07.2025

Product code: 172394

Page 5 of 9

Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection. EN 166

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Replace when worn.

For this purpose, protective gloves are suitable, for instance, made by the company KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail: vertrieb@kcl.de with the following specification (tested as per EN374):

In case of full contact/spray contact:

Camatril (Item No: 731; Material: Nitrile; Minimum layer thickness: 0.33 mm; Burst time: 480 min)

Dermatril (Item No: 740; Material: Nitrile; Minimum layer thickness: 0.11 mm; Burst time: 30 min)

The protective gloves to be used must comply with the specifications of the EU directive 89/686/EEC and the standard EN374 derived from it. The above mentioned burst times are based on laboratory measurements of KCL made as per EN 374 and are applicable only for this KCL product.

Preventive skin protection by protective skin ointment.

Skin protection

The type of personal protective equipment must be selected depending on the concentration and quantity of the hazardous substance at the workplace. For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Chemical resistant safety shoes

Respiratory protection

Generation/formation of mist: Filtering device with filter or ventilator filtering device of type:A2 P2

Environmental exposure controls

Technical measures for preventing exposition

Organisational measures for preventing exposition

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	yellow, brown
Odour:	characteristic

	Test method
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	>320 °C
Flammability:	not determined
Lower explosion limits:	0,6 vol. %
Upper explosion limits:	6,5 vol. %
Flash point:	>200 °C DIN ISO 2592
Auto-ignition temperature:	not determined
Decomposition temperature:	not applicable
pH-Value:	not applicable
Viscosity / kinematic: (at 40 °C)	41 mm ² /s ASTM D7279

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA pace EVO PRIME FE SAE 0W-20

Revision: 14.07.2025

Product code: 172394

Page 6 of 9

Water solubility:	practically insoluble
Solubility in other solvents not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 15 °C):	0,825-0,865 g/cm ³ DIN EN ISO 12185
Relative vapour density:	not determined
Particle characteristics:	not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosive properties
No data available

Other safety characteristics

Pour point: <-48 °C ASTM D7346

Further Information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

The formation of combustible vapours is possible at temperatures above: Flash point

10.4. Conditions to avoid

Oxidising agent, strong

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Refer to section 5.3.

SECTION 11: Toxicological information

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

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified				
	dermal	LD50 >2000 mg/kg	Rabbit		

Irritation and corrosivity

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

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA pace EVO PRIME FE SAE 0W-20

Revision: 14.07.2025

Product code: 172394

Page 7 of 9

Sensitising effects

Based on available data, the classification criteria are not met.

Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts, Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts. May produce an allergic reaction.

Frequently or prolonged contact with skin may cause dermal irritation.

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Specific effects in experiment on an animal

There are no data available on the mixture itself.

11.2. Information on other hazards

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Further information

There are no data available on the mixture itself.

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Reference to other sections: 2, 3

SECTION 12: Ecological information

12.1. Toxicity

There are no data available on the mixture itself.

12.2. Persistence and degradability

There are no data available on the mixture itself.

Not readily biodegradable (according to OECD criteria). Data apply to the main component.

12.3. Bioaccumulative potential

There are no data available on the mixture itself.

12.4. Mobility in soil

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

Do not allow uncontrolled discharge of product into the environment.

Further information

There are no data available on the mixture itself.

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA pace EVO PRIME FE SAE 0W-20

Revision: 14.07.2025

Product code: 172394

Page 8 of 9

13.1. Waste treatment methods

Disposal recommendations

The allocation of waste code numbers/ descriptions shall be carried out in accordance with the List of Wastes Resolution 2000/532/EC on an industry- and process-specific basis.

List of Wastes Code - residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

List of Wastes Code - used product

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Packaging containing oil is classified as packaging of pollutant-containing products. They are therefore not subject to collection by nationwide packaging take-back systems.

Oil packaging that has been emptied down to the residues that usually remain in it is subject to take-back by manufacturers and distributors.

Recommendation for disposal: Contacting the supplier / contractual partner.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVISTA pace EVO PRIME FE SAE 0W-20

Revision: 14.07.2025

Product code: 172394

Page 9 of 9

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,11,15.

Abbreviations and acronyms

Asp. Tox. 1: Aspiration hazard, hazard category 1
Skin Irrit. 2: Skin irritation, hazard category 2
Eye Dam. 1: Serious eye damage, hazard category 1
Skin Sens. 1B: Skin sensitisation, hazard category 1B
Repr. 2: Reproductive toxicity, hazard category 2
STOT RE 2: Specific target organ toxicity - repeated exposure, hazard category 2

Relevant H and EUH statements (number and full text)

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
EUH208	Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts, Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)