

Trade name: AVISTA Fuel Premium 10

Substance number

Version: 3 / GB

Date revised: 27.03.2020

Replaces Version: 2 / GB

Print date: 27.03.20

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

1.1. Product identifier

AVISTA Fuel Premium 10

Registration no.

EC No.: 270-673-5

CAS No. 68476-31-3

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

Use of the substance/preparation

Distillate for thermal application or for further processing. Having regard to the application proposed and identified by CONCAWE. The specification of the identified applications is not required because the substance is not subject to registration as per REACH regulation.

Uses advised against

No applications known.

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

AVISTA OIL Deutschland GmbH

Bahnhofstr. 82

31311 Uetze

Telephone no. + 495177 / 85 - 0

Information provided Product Management (+49 5177 / 85 -178 or -100)

by / telephone

E-mail address of msds@avista-oil.de

person responsible

for this SDS

1.4. Emergency telephone number

+49 (0)551 19240 (24h/d) GIZ-Nord Poisons Centre

This number is only available within office times:

+49 51 77 / 85 -178 or -100 (Mo - Do 9 - 15 h / Fr 9 - 12 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Carc. 2 H351

Asp. Tox. 1 H304

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms





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Signal word

Danger

Hazard statements

H351 Suspected of causing cancer.
 H304 May be fatal if swallowed and enters airways.

Precautionary statements

P201 Obtain special instructions before use.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P331 Do NOT induce vomiting.
 P501 Dispose of containers/content in accordance with the legal regulations of the waste management.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains Fuel oil, no 4; Gasoil-unspecified

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**3.1. Substances****Chemical characterization**

Mineral oil

Hazardous ingredients (Regulation (EC) No. 1272/2008)**Fuel oil, no 4; Gasoil-unspecified**

CAS No.	68476-31-3		
EINECS no.	270-673-5		
Concentration	>=	50	%
Classification (Regulation (EC) No. 1272/2008)			
	Carc. 2		H351
	Asp. Tox. 1		H304

Other information

The substance does not require registration according to Regulation (EC) No 1907/2006 [REACH]. [Item 2.7 d] Complete text of hazard statements in chapter 16.

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

In case of persistent symptoms consult doctor. Never give anything by mouth to an unconscious person.

After inhalation

In the event of symptoms take medical treatment. Remove the casualty into fresh air and keep him calm.

After skin contact

After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if skin irritation persists. Remove contaminated clothing.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Take medical treatment.



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After ingestion

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

Until now no symptoms known so far.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Foam, Dry powder, Carbon dioxide

Non suitable extinguishing media

Water

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Pyrolysis products; Hydrocarbons; Carbon dioxide (CO₂); Carbon monoxide (CO); Hydrogen sulfide (H₂S); Nitrogen oxides (NO_x); Phosphorus oxides; Smoke.

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus. Wear full protective suit. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Exclude sources of ignition and ventilate the area. Avoid contact with skin, eyes and clothing. High risk of slipping due to leakage/spillage of product. Avoid breathing vapours.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8. Information regarding waste disposal, see Section 13.

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

Hot product develops flammable vapours. Handle and open container with care. Avoid skin and eye contact. Avoid formation of oil dust.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. Do not smoke. Take precautionary measures against static discharge.

Classification of fires / temperature class / Ignition group / Dust explosion class



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Classification of fires B (Combustible liquid substances)

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value < 50 °C

Requirements for storage rooms and vessels

Keep only in original packaging.

Hints on storage assembly

Keep away from flammable substances.

Storage class according to TRGS 510

Storage class according to TRGS 510 10 Flammable liquids

Further information on storage conditions

Keep container tightly closed and dry. Keep in a cool place

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

Exposure controls

Technical measures for preventing exposition. Organisational measures for preventing exposition. Provide adequate ventilation. The type of personal protective equipment must be selected depending on the concentration and quantity of the hazardous substance at the workplace.

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Store work clothing separately. Wash hands before breaks and after work. Cloths contaminated with product should not be kept in trouser pockets. Do not eat, drink or smoke during work time. Personal protective equipment must comply with the Council Directive 89/686/EEC and the resulting CEN standards.

Respiratory protection

Not necessary, but do not inhale vapours. In situations where misting or flying may occur use appropriate certified respirators. Short term: filter apparatus, combination filter A-P2

Hand protection

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):

Use Permanent hand 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.

Eye protection

Tightly fitting safety glasses; Eye protection must comply with EN 166.

Body protection

Clothing as usual in the chemical industry. Protective gloves resistant to chemicals; With steel toe cap.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Flash point



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Value	>	80		°C
Method		DIN EN 22719 / ISO 2719		

Pour Point

Value	<	-15		°C
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Density

Value	0,850	to	0,860	g/cm ³
Temperature	15	°C		

Solubility in water

Remarks insoluble

Viscosity**kinematic**

Value	8	to	11	mm ² /s
Temperature	40	°C		

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4. Conditions to avoid

Oxidising agents

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Refer to section 5.3.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

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

Acute dermal toxicity

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

Acute inhalational toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Remarks May cause sensitization by skin contact.

Subacute, subchronic, chronic toxicity

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

Remarks The classification criteria are met.

Specific Target Organ Toxicity (STOT)

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

Aspiration hazard

Reference substance Fuel oil, no 4; Gasoil-unspecified
 The classification criteria are met.

SECTION 12: Ecological information**12.1. Toxicity****General information**

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

12.2. Persistence and degradability**Biodegradability**

Remarks The product is not readily biodegradable according to OECD criteria but is inherently biodegradable.

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

This substance does not meet the criteria for the classification as PBT or vPvB.

12.6. Other adverse effects**Behaviour in sewers [waste treatment plants]**

May be separated out mechanically in purification plants.

General information / ecology

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 13 07 01* fuel oil and diesel

Dispose of as hazardous waste.

EWC waste code 13 07 01* fuel oil and diesel

Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

EWC waste code 15 01 10* packaging containing residues of or contaminated by dangerous substances

Uncontaminated packaging may be taken for recycling.

EWC waste code 15 01 10* packaging containing residues of or contaminated by dangerous substances

Completely emptied packagings can be given for recycling.

EWC waste code 15 01 10* packaging containing residues of or contaminated by dangerous substances



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Packaging that cannot be cleaned should be disposed off as product waste.

SECTION 14: Transport information

Land transport ADR/RID

14.6. Special precautions for user

Non-dangerous goods

Marine transport IMDG/GGVSee

14.6. Special precautions for user

Non-dangerous goods

Air transport ICAO/IATA

14.6. Special precautions for user

Non-dangerous goods

Inland waterways transport ADN/ADNR

14.1 UN number: UN 9003

14.2. UN proper shipping name: Substances with a flash point above 60 ° C and at most 100 ° C

14.3 Transport hazard class: Class 9 (CMR, F, tanker type N)

SECTION 15: Regulatory information

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

Other regulations, restrictions and prohibition regulations

Observe employment restrictions for young people.

Observe employment restrictions for child bearing mothers and nursing mothers.

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H304

May be fatal if swallowed and enters airways.

H351

Suspected of causing cancer.

CLP categories listed in Chapter 3

Asp. Tox. 1

Aspiration hazard, Category 1

Carc. 2

Carcinogenicity, Category 2

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.