



Trade name: PENNASOL SUPER FLUID ATF CVT

Substance number: FERT-171950

Version: 4 / GB

Date revised: 01.06.2018

Replaces Version: 3 / GB

Print date: 05.06.18

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

1.1. Product identifier

PENNASOL SUPER FLUID ATF CVT

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

Use of the substance/preparation

Automatic gear oil

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

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

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

EUH208 Contains Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs., C14-18 alpha-olefin epoxide, reaction products with boric acid, 1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs., May produce an allergic reaction.

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

Supplemental information

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

Chemical characterization

Mineral oil



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Additive

Hazardous ingredients (Regulation (EC) No. 1272/2008) *****Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs.**

EINECS no. 471-920-1
 Registration no. 01-0000019770-68-XXXX
 Concentration \geq 1 < 9,4 %

Classification (Regulation (EC) No. 1272/2008)
 Skin Sens. 1B H317

Concentration limits (Regulation (EC) No. 1272/2008)
 Skin Sens. 1B H317 \geq 9,4 100 %

C14-18 alpha-olefin epoxide, reaction products with boric acid

EINECS no. 939-580-3
 Registration no. 01-2119976364-28-XXXX
 Concentration \geq 0,1 < 1 %

Classification (Regulation (EC) No. 1272/2008)
 Skin Sens. 1B H317

1,2-Propanediol, 3-amino-, N,N-dicoco alkyl derivs.

EINECS no. 482-000-4
 Registration no. 01-0000020142-86-XXXX
 Concentration \geq 0,1 < 1 %

Classification (Regulation (EC) No. 1272/2008)
 Aquatic Chronic 3 H412
 Skin Sens. 1B H317

2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol

CAS No. 1218787-32-6
 EINECS no. 620-540-6
 Registration no. 01-2119510877-33-XXXX
 Concentration \geq 0,1 < 1 %

Classification (Regulation (EC) No. 1272/2008)
 Eye Dam. 1 H318
 Skin Corr. 1C H314
 Aquatic Acute 1 H400
 Aquatic Chronic 2 H411
 Acute Tox. 4 H302

Concentration limits (Regulation (EC) No. 1272/2008)
 Aquatic Acute 1 H400 M = 10
 Aquatic Chronic H411 M = 1
 2

Other information

All concentrations are units of weight percent for liquids, and unit of volume percent for gaseous products. Other substances that are not classified to be hazardous, up to 100%. This mixture does not include any ingredients that have been classified to be hazardous whose concentrations exceed the limit values described in point 3.2.2 (Annex II, Regulation 1907/2006/EC. Complete text of hazard statements in chapter 16. Mixtures are not subject to registration. The registration numbers of the ingredients in this mixture (if present) have been listed in item 3.

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor. Remove soiled or soaked clothing immediately, do not allow to dry. 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.

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.

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

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Dry powder, Carbon dioxide, Water spray jet

Non suitable extinguishing media

Water

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible. The hot product develops flammable fumes. 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.



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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

Initial boiling point and boiling range

Value > 300 °C

Remarks not determined

Flash point

Value > 200 °C

Pour Point

Value °C

Upper/lower flammability or explosive limits

Remarks not determined

Density

Value 0,849 to 0,859 g/cm³

Temperature 15 °C

Solubility in water

Remarks not determined

Ignition temperature

Remarks not determined

Viscosity

kinematic

Value 6,5 to 7,5 mm²/s

Temperature 100 °C

kinematic

Value 33,7 mm²/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

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No hazardous reactions known.

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**Other information**

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.

Sensitization

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

Remarks May cause sensitization by skin contact.

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

Specific Target Organ Toxicity (STOT)

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

Other information

There are no details for the formulation/mixture itself.

It was classified in accordance with the calculation method of the directive (EC) No. 1272/2008 [CLP].

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

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

12.2. Persistence and degradability



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Biodegradability

Remarks

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

12.3. Bioaccumulative potential**General information**

There are no data available on the mixture itself.

12.4. Mobility in soil**General information**

There are no data available on the mixture itself.

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

The ingredients of this formulation do not comply with the criteria for the classification as PBT or vPvB.

12.6. Other adverse effects**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 02 05* mineral-based non-chlorinated engine, gear and lubricating oils

The waste code numbers/waste designations are to be assigned in accordance with EWC with reference to industrial fields and processes.

EWC waste code 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils

Disposal as per EC directive 75/442/ECC and 91/689/ECC on waste and hazardous waste in the current versions as amended from time to time.

EWC waste code 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils

Disposal as per EC directive 75/442/ECC and 91/689/ECC on waste and hazardous waste in the current versions as amended from time to time.

Disposal recommendations for packaging

EWC waste code 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

EWC waste code 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

SECTION 14: Transport information**Information for all modes of transport****14.6. Special precautions for user**

Non-dangerous goods

SECTION 15: Regulatory information



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15.2. Chemical safety assessment

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

SECTION 16: Other information

Hazard statements listed in Chapter 3

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Sens. 1B	Skin sensitization, Category 1B

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.