

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 03.06.2022

Version number 3

Revision: 03.06.2022

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

1.1 Product identifier**Trade name:** AVALON**Formulation:** Suspension concentrate - SC**Active ingredient:** Pyrimethanil**CAS Number:** Pyrimethanil: 53112-28-0**UFI:** N96K-6HD8-630R-SKWC**1.2 Relevant identified uses of the substance or mixture and uses advised against****Sector of Use** SU1 Agriculture, forestry, fishery**Product category** PC27 Plant protection products**Uses advised against** Fungicides**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Galenika-Fitofarmacija AD

Batajnicki drum bb

11080 Belgrade

tel: + 381 (11) 3072-301

fax: + 381 (11) 3072 310

e-mail: office@fitofarmacija.rs

1.4 Emergency telephone number:

Poison Control Center Military Medical Academy

Crnotravska 17, Belgrade, Serbia

tel: + 381 (11) 3608-440, 00-24h

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008**

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

GHS09

Hazard statements

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

EUH208 Contains 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol. May produce an allergic reaction.

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 03.06.2022

Version number 3

Revision: 03.06.2022

Trade name: AVALON

(Contd. of page 1)

Standard phrases for safety precautions

SP 1 Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation: Substance Not applicable.**3.2 Mixtures****Dangerous components:**

CAS: 53112-28-0	Pyrimethanil	Aquatic Chronic 2, H411	37.5%
Index number: 612-240-00-9			

Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures**General information:**

Have the product container, label or Safety Data Sheet with you when calling a poison control center or physician.

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eyes for several minutes under running water.

Seek medical treatment.

After swallowing:

Rinse mouth. Call a doctor.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

There is no specific antidote available. Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media**Suitable extinguishing agents:**

Carbon dioxide

Water spray

Foam

Sand

For safety reasons unsuitable extinguishing agents: Water with full jet

(Contd. on page 3)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date: 03.06.2022

Version number 3

Revision: 03.06.2022

Trade name: AVALON

(Contd. of page 2)

5.2 Special hazards arising from the substance or mixture

Hydrogen cyanide (HCN)

Carbon monoxide (CO)

Nitrogen oxides (NO_x)**5.3 Advice for firefighters** Use self-contained breathing apparatus and protective clothing.**Protective equipment:** Wear fully protective suit and self-contained respiratory protective device.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with the skin and eyes.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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

Keep away from heat and direct sunlight.

Store in cool, dry place in tightly closed receptacles.

Information about fire - and explosion protection: In case of fire do not breathe fumes.**7.2 Conditions for safe storage, including any incompatibilities****Storage:** Store at room temperature in closed containers.**Requirements to be met by storerooms and receptacles:** Store in a cool and dry, in the original packaging.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** Protect from heat and direct sunlight.**7.3 Specific end use(s)** Refer to the label.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.**8.2 Exposure controls****Appropriate engineering controls** No further data; see item 7.**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 03.06.2022

Version number 3

Revision: 03.06.2022

Trade name: AVALON

(Contd. of page 3)

*Wash hands before breaks and at the end of work.***Respiratory protection:** Not required.**Hand protection**

Protective gloves

Protective gloves (EN 374)

Eye/face protection

Safety glasses

In accordance to standard EN 166.

Body protection: Protective work clothing**Environmental exposure controls** Do not allow to get into the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Odour:	Light beige
Odour threshold:	Not determined.
Melting point/freezing point:	Not determined.
Boiling point or initial boiling point and boiling range	Not determined.
Flammability	No data available.
Lower and upper explosion limit	Not determined.
Flash point:	> 100 °C
Decomposition temperature:	Not determined.
pH	6.5-8.5
Viscosity:	Not determined.
Solubility	Miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	1.06-1.09 g/cm ³
Vapour density	Not determined.

9.2 Other information

Form:	Suspension
Ignition temperature:	Undetermined.
Explosive properties:	Not determined.
Crystallisation temperature / range:	
Oxidising properties	Not determined.
Evaporation rate	Not determined.

9.2.1. Information with regard to physical hazard classes

Explosives	Not applicable.
Flammable gases	Not applicable.
Aerosols	Not applicable.
Oxidising gases	Not applicable.
Gases under pressure	Not applicable.
Flammable liquids	Not applicable.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 03.06.2022

Version number 3

Revision: 03.06.2022

Trade name: AVALON

(Contd. of page 4)

Flammable solids	Not applicable.
Self-reactive substances and mixtures	Not applicable.
Pyrophoric liquids	Not applicable.
Pyrophoric solids	Not applicable.
Self-heating substances and mixtures	Not applicable.
Substances and mixtures, which emit flammable gases in contact with water	Not applicable.
Oxidising liquids	Not applicable.
Oxidising solids	Not applicable.
Organic peroxides	Not applicable.
Corrosive to metals	Not applicable.
Desensitised explosives	Not applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid Source of ignition, heat, fire, high humidity, sparks.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

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.

LD/LC50 values relevant for classification:

CAS: 53112-28-0 Pyrimethanil

Oral	LD50	>4,000 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rat)
Inhalative	LC50/4 h	>1.98 mg/l (Rat)

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.

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

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.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 03.06.2022

Version number 3

Revision: 03.06.2022

Trade name: AVALON

(Contd. of page 5)

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 53112-28-0 Pyrimethanil

EC50	1.2 mg/l (Alga) (96 h)
	2.9 mg/l (Daphnia magna) (48 h)
	10.56 mg/l (Fish) (96 h)

12.2 Persistence and degradability

Pyrimethanil is moderate to medium persistent in soil under dark aerobic conditions.

12.3 Bioaccumulative potential Pyrimethanil has low potential for bioaccumulation.

12.4 Mobility in soil Pyrimethanil is low to high mobile in soil (Koc = 75-751 ml/g)

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects

Additional ecological information:

General notes: Toxic for aquatic organisms

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

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

Uncleaned packaging:

Recommendation: Disposal must be made according to national official regulations.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID/ADN, IMDG, IATA

UN3082

14.2 UN proper shipping name

ADR/RID/ADN, IMDG, IATA

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (Pyrimethanil)

14.3 Transport hazard class(es)

ADR/RID/ADN, IMDG, IATA



Class

9 Miscellaneous dangerous substances and articles.

Label

9

14.4 Packing group

ADR/RID/ADN, IMDG, IATA

III

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 03.06.2022

Version number 3

Revision: 03.06.2022

Trade name: AVALON**14.5 Environmental hazards:**(Contd. of page 6)
*Product contains environmentally hazardous substances:***Marine pollutant:***Pyrimethanil***Special marking (ADR/RID/ADN):***Symbol (fish and tree)***Special marking (IATA):***Symbol (fish and tree)***14.6 Special precautions for user***Symbol (fish and tree)***Hazard identification number (Kemler code):***Warning: Miscellaneous dangerous substances and articles.***EMS Number:***90***14.7 Maritime transport in bulk according to IMO instruments***F-A,S-F**Not applicable.***Transport/Additional information:****IMDG****Remarks:***Exempted from ADR+LQ (UN3077+ 3082 Class 9) according to extra provision ADR SV375 as of 01.01.15. "375. These substances when carried in single or combination packaging containing net quantity per single or inner packaging of 5 lit or less for liquids having a nett mass per single or inner packaging of 5KG or less for solids, are not subject to any other provisions."***UN "Model Regulation":***UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PYRIMETHANIL), 9, III***SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture***No further relevant information available.***REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3**15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.***SECTION 16: Other information***This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.***Hazard phrases:***H411 Toxic to aquatic life with long lasting effects.***Date of previous version:** 13.10.2021**Version number of previous version:** 2**Abbreviations and acronyms:***RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)**ICAO: International Civil Aviation Organisation**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**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)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent*

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 03.06.2022

Version number 3

Revision: 03.06.2022

Trade name: AVALON

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

**** Data compared to the previous version altered.***

(Contd. of page 7)