

SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament as amended



AVENTURINE IPA Cleaner

Prepared on 07/04/2021
Updated on Version number 1.0

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

- Product identifier**
Substance / mixture AVENTURINE IPA cleaner
UFI mixture D710-100T-9000-3TSC
- Relevant identified uses of the substance or mixture and uses advised against**
Intended uses of the mixture
Degreaser.
Uses of the mixture advised against
Do not use for uses other than those indicated in section 1.
Main intended use
Exterior cleaning products — all vehicle types
- Details of the supplier of the safety data sheet**
Supplier
Name or business name AUTO-BLAK Sp. Z.o.
Address Farbiarska 25a, 02-862 Warsaw, Poland
NIP No. PL1230950444
Telephone No. +48 22 899 19 66
E-mail serwis@auto-blak.pl
E-mail address of the competent person responsible for the Safety Data Sheet
Name Auto Graph Detailing
E-mail hello@auto-graph.eu
- Emergency telephone number**
112

SECTION 2: Hazards identification

- Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No. 1272/2008

The mixture is classified as hazardous.

Flam. Liq. 2, H225
Eye Irrit. 2, H319
STOT SE 3, H336

Full text of all classifications and H statements is provided in section 16.

Most serious adverse physicochemical effects

Highly flammable liquid and vapour.

The most serious negative effects on human health and the environment

Causes serious eye irritation. May cause drowsiness or dizziness.

- Label elements**



Hazard pictogram

Signal word

Danger

Hazardous substances

propan-2-ol

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Hazard statements

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P403+P235 Store in a well ventilated place. Keep cool. P405 Store locked up.
P501 Dispose of contents/container to an authorised waste disposal point or return to the supplier.

Additional information

>=30 % aliphatic hydrocarbons

Requirements for child-resistant closures and tactile warnings

The packaging must be fitted with a tactile danger warning to alert the blind.

3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. The mixture does not contain any substance meeting the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical description

Mixture of substances and additives specified below.

The mixture contains the following hazardous substances and substances with specified occupational exposure limits

Identification numbers	Substance name	Content in % weight	Classification in accordance with Regulation (EC) No.	Note
Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 Registration number:	propan-2-ol	90-100	1272/2008 Flam. Liq. 2, H225	1

Notes

1 Substance with a Community workplace exposure limit.

Full text of all classifications and H statements is provided in section 16.

SECTION 4: First aid measures

1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a physician and show them information from the product safety data sheet. In the event of unconsciousness, place the victim in a stable position on their side, head slightly tilted to maintain their airway, never induce vomiting. If the victim vomits spontaneously, care should be taken to prevent suffocation from vomit. In the event of a life-threatening situation, first resuscitate the victim and seek medical attention. Apnoea - perform artificial respiration immediately. Cardiac arrest - perform indirect cardiac massage immediately.

Inhalation

Stop exposure immediately, remove victim to fresh air. Protect the victim from catching a cold. Provide medical attention if irritation, shortness of breath or other symptoms persist.

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Skin contact

Remove contaminated clothing Put away contaminated clothing. Rinse the contact area with a large volume of - if possible - lukewarm water. If the skin is not injured, you can use soap, soapy water or shampoo. Provide medical attention if irritation persists. Rinse skin with water or shower.

Eye contact

Rinse eyes immediately with a stream of water, lift the eyelids (even with force); if the victim wears contact lenses, remove them immediately. Rinse eyes immediately with a stream of water, lift the eyelids (even with force); if the victim wears contact lenses, remove them immediately. Rinse for at least 10 minutes. Rinse out for at least 10 minutes. Provide medical and, if possible, specialist care.

Ingestion

Rinse mouth with water and drink 2-5 dl of water. In the case of a person with health problems, provide medical attention.

2. Most important symptoms, acute and delayed and effects of exposure Inhalation

May cause drowsiness or dizziness.

Skin contact

Not expected.

Eye contact

Causes serious eye

irritation. **Ingestion**

Irritation, nausea.

3. Indication of immediate medical attention and special treatment needed, if necessary

Symptomatic treatment

SECTION 5: Firefighting measures

1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray, water mist.

Not suitable extinguishing media

Water - full jet.

2. Specific hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

3. Advice for firefighter

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Cool closed containers with the product situated near the fire with water. Do not allow contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Highly flammable liquid and vapour. Remove all sources of ignition. Use personal protective equipment for work. Follow the instructions provided in Sections 7 and 8. Do not inhale aerosol. Prevent contact with skin and eyes.

2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

3. Methods and material for containment and cleaning up

Cover spilled product with suitable (non-flammable) absorbent material (sand, silica, soil and other suitable absorbent materials, etc.); collect in well-closed containers and dispose of according to Section 13. In the event of leakage of the substantial amount of the product, inform the fire brigade and other competent authorities. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

4. Reference to other sections

See sections 7, 8 and

13.

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SECTION 7: Handling and storage of substances and mixtures

1. Precautions for safe handling

Prevent the formation of gases and vapours in flammable or explosive concentrations and in concentrations exceeding the occupational exposure limits. Use the product only in places where it will not come into contact with open fire or other sources of ignition. Use non-sparking tools. We recommend using antistatic footwear and clothing. Do not inhale aerosol. Prevent contact with skin and eyes. Do not smoke. Wash hands and affected body parts thoroughly after handling. Use only outdoors or in a well-ventilated area. Use personal protective equipment in accordance with Section 8. Observe valid legal regulations on safety and health protection. Ground and connect the container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take measures to prevent electrostatic discharge.

2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in a dedicated, cool, dry and well ventilated place. Do not expose to the sun. Store locked up. Keep container tightly closed. Keep cool.

Content	Type of packaging	Packaging material
200 ml	bottle	HDPE
500 ml	bottle	HDPE
750 ml	bottle	HDPE
1,000 ml	bottle	HDPE
5 l	canister	HDPE
10 l	canister	HDPE
20 l	canister	HDPE
25 l	canister	HDPE
30 l	canister	HDPE
100 l	barrel	HDPE

Specific requirements or rules concerning the substance/mixture

Solvent vapours are heavier than air and accumulate mainly near the floor, where they can form an explosive mixture when mixed with air.

3. Specific end use(s)

data not available

SECTION 8: Exposure controls/personal protection

1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

Poland

Journal of Laws 2018

Substance name	Typ	Value	Note
propan-2-ol (CAS: 67-63-0)	TLV	900 mg/m ³	Labelling the substance with the notation means that the absorption of the substance through the skin may be as important as in the
	STEL	1200 mg/m ³	

item 1286

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DNEL

propan-2-ol

Workers / consumers	Route of exposure	Value	Effect method	Determining
Workers	Inhalation	500 mg/m ³	Systemic chronic effects Systemic	
Consumers	Ingestion Dermal	26 mg/kg bw/day		
Consumers	Inhalation	319 mg/kg	Systemic chronic effects	
Consumers	Dermal	89 mg/m ³	Systemic chronic effects	
Workers		888 mg/kg	Systemic chronic effects	

PNEC

propan-2-ol

Route of exposure	Value	Determining
Microorganisms in wastewater treatment plants	2251 mg/l	
Soil (agricultural)	28 mg/kg	
Water (periodic leak)	140.9 mg/l	
Ingestion	160 mg/kg	
Drinking water	140.9 mg/l	
Seawater	552 mg/kg	

2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved by local air suction or efficient general ventilation. If CL cannot be met in this way, use suitable respiratory protection. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye protection

Protective goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

Respiratory protection

A half-mask with a filter against organic vapours, or an isolating respirator in the event of exceeding the level of the substance or in an environment with poor ventilation.

Thermal hazard

Data not available.

Environmental exposure control

Observe usual measures for the protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

1. Information on basic physical and chemical properties

Physical state	liquid
Colour	green, yellow
Odour	containing alcohol
Melting point/freezing point	data not
available Boiling point or initial boiling point and boiling range	data not
Flammability of the materials	data not available
Lower and upper explosive limit	data not available

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Flash point	data not available
Autoignition temperature	data not available
Decomposition temperature	data not available
pH	6-8 (undiluted)
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient: n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density or relative density density	0.79 g/cm ³ at 20 °C
Relative vapour density	data not available
Particle characteristics	data not available

2. Other information

data not available

SECTION 10: Stability and reactivity

1. Reactivity

data not available

2. Chemical stability

The product is stable under normal conditions.

3. Possibility of hazardous reactions

Unknown.

4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

5. Incompatible materials

Protect against strong acids and bases as well as oxidising agents.

6. Hazardous decomposition products

Under normal conditions of use, hazardous decomposition products should not be produced. Dangerous products such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

Inhalation of solvent vapours above the occupational exposure limits may lead to acute inhalation poisoning, depending on the concentration level and duration of exposure. No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

propan-2-ol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Inhalation (vapour)	LC ₅₀ LD ₅₀	47.5 mg/l of air 4400 mg/kg bw	8 hours	Rat Rat (Rattus norvegicus)	F/M F/M
Ingestion	LD ₅₀	12900 mg/kg bw		Rabbit	F/M

Dermal

Skin corrosion/irritation

Based on available data the classification criteria are not met.

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Serious eye damage/irritation

Causes serious eye

irritation. propan-2-ol

Route of exposure	Result	Method	Time of exposure	Species
	Serious eye damage	OECD 405		Rabbit

Respiratory or skin sensitisation

Based on available data the classification criteria are not

met. propan-2-ol

Route of exposure	Result	Time of exposure	Species	Sex
	Not irritating		Guinea pig	F/M

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.

Specific target organ toxicity – single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity – repeated exposure

Based on available data the classification criteria are not

met. propan-2-ol

Route of exposure	Parameter	Value	Result	Species	Sex
		500 ppm		Rat (Rattus norvegicus)	F/M

Aspiration hazard

Based on available data the classification criteria are not met.

2. Information on other hazards

data not available

SECTION 12: Ecological information

1. Toxicity

Acute toxicity

Data for the mixture are not

available. propan-2-ol

Parameter	Value	Time of exposure	Species	Environment
LC ₅₀	2285 mg/l	48 hours	Daphnia (Daphnia magna)	
	9640 mg/l	96	Fish	Fresh water

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propan-2-ol

Paramete	Value	Time of exposure	Species	Environme
f	141 mg/l	16 days	Daphnia (Daphnia magna)	
CEr ₅₀	10500 mg/l	48 days	Algae	

2. Persistence and degradability

data not available

3. Bioaccumulative potential

Data not available.

4. Mobility in soil

Data not available.

5. Results of PBT and vPvB assessment

The product does not contain any substance meeting the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

6. Endocrine disrupting properties

data not available

7. Other adverse effects

Data not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with The Act of 14 December 2012 on waste (Journal of Laws of 2020, item 797, as amended) and the executive regulations on waste disposal.

Waste management legislation

Act of 14 December, 2012 on waste (Journal of Laws of 2020, item 797, as amended). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Directive 94/62/EC on packaging and packaging waste. Regulation of the Minister of Climate of 2 January 2020 on the catalogue of wastes (Journal of Laws of 2020, item 10)

Waste type code

20 01 29 Detergents containing dangerous substances *

Packaging waste type code

15 01 02 Plastic packaging

(*) - hazardous waste according to Directive 2008/98/EC on hazardous waste

SECTION 14: Transport information

1. UN number or ID number

UN 1219

2. UN proper shipping name

ISOPROPANOL

3. Transport hazard class(es)

3 Flammable liquids

4. Packing group

II - moderately hazardous substances

5. Environmental hazards

data not available

6. Special precautions for users

Reference in sections 4 to 8.

7. Maritime transport in bulk according to IMO instruments

data not available

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Additional information

Hazard identification number UN **33**
number **1219**
Classification code F1
Warning labels 3



Air transport - ICAO/IATA

Packing instructions passenger 353
Packing instructions cargo 364

Maritime transport - IMDG

EmS (emergency plan) F-E, S-D
MFAG 305

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Journal of Laws L 396 of 30 December 2006, as amended).

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (Journal of Laws L 203 of 26 June 2020, as amended).

REGULATION (EC) NO. 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents (Journal of Laws L 104 of 8.4.2004, as amended).

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006 (Journal of Laws L 353 of 31 December 2008, as amended).

European agreement concerning the international carriage of dangerous goods by road (ADR), concluded in Geneva on 30 September 1957.

Act of 25 February 2011 on the chemical substances and their mixtures (Journal of Laws of 2011 No. 63 item 322, as amended). Act of 14 December 2012 on waste (Journal of Laws of 2013, item 21, as amended).

Act of 13 June 2013 on packaging management and packaging waste (Journal of Laws of 2013, item 888, as amended).

Act of 19 August 2011 on the transport of dangerous goods (Journal of Laws of 2011 No. 227, item 1367, as amended). Regulation of the minister of health of 30 December 2004 on health and safety at work associated with the presence of chemical agents in the workplace (Journal of Laws of 2005 No. 11 item 86, as amended).

2. Chemical safety assessment

A safety assessment for the mixture is not required.

SECTION 16: Other information

A list of hazard statements used in the safety data sheet

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

A list of precautionary statements used in the safety data sheet

P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P403+P235 Store in a well ventilated place. Keep cool.

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- P405 Store locked up.
P501 Dispose of contents/container to an authorised waste disposal point or return to the supplier.

Further information important for the safety and protection of human health

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than those specified in Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CE ₅₀	Concentration of a substance which affects 50% of the population
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived No-Effect Level
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International code for the construction and equipment of ships carrying dangerous chemicals in bulk
IC ₅₀	Half maximal inhibitory concentration
ICAO	International Civil Aviation Organisation
IMDG	International Maritime Dangerous Goods INCI International Nomenclature of Cosmetic Ingredients
ISO	International Organisation for Standardisation
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance which can be expected to cause the death of 50% of the population
LD ₅₀	Lethal dose of a substance which can be expected to cause the death of 50% of the population
LOAEC	Lowest Observed Adverse Effect Concentration
LOAEL	Lowest Observed Adverse Effect Level
log Kow	Octanol-water partition coefficient
VOC	Volatile Organic Compounds
MARPOL	International Convention for the Prevention of Pollution from Ships TLV
Threshold Limit Value	
STEL	Short-Term Exposure Limit
CEL	Ceiling Exposure Limit
NOAEC	No-observed-adverse-effect concentration NOAEL No-observed-adverse-effect level NOEC
NOEL	No-observed-effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals RID Regulation concerning the International Carriage of Dangerous Goods by Rail
EU	European Union
UN	Four-digit identification number of the substance or article based on "UN Model Regulations"
UVCB	Chemical Substances of Unknown or Variable Composition, Complex Reaction Products and Biological Materials
vPvB	Very Persistent and very Bioaccumulative

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WE Identification code for each substance listed in the EINECS

Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
STOT SE	Specific target organ toxicity – single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

data not available

Information about data sources used to compile the safety data sheet

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH) as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council as amended. Data from the manufacturer of the substance/mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.