



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name

Strawberry Base

Product code

[AC00138]

UFI:

2011-404K-300M-TEVR

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

Relevant identified uses

Fragrance compound

Uses advised against

No information.

1.3 Details of the supplier of the safety data sheet

Supplier

Farmadria DOO
Heroja Pinkija 44
26300 Vršac, Serbia
+381695565029
info@avenalab.com
<https://avenalab.com/>

1.4 Emergency Telephone Number

Emergency

112

Supplier

+381695565029

SECTION 2: HAZARDS IDENTIFICATION



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Classification according to Regulation (EC) No 1272/2008 (CLP)

Flam. Liq. 3; H226 Flammable liquid and vapour.
Skin Corr. 1B; H314 Causes severe skin burns and eye damage.
Skin Sens. 1; H317 May cause an allergic skin reaction.
Eye Dam. 1; H318 Causes serious eye damage.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)



Signal word: **DANGER**

Hazard statements:

H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.

Supplemental hazard information (EU):

Not applicable.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P272 Contaminated work clothing should not be allowed out of the workplace.
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P403 + P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with national regulation.

Contains:

propionic acid
2-methylbutyric acid
hexanoic acid
trans-2-Hexenol
butyric acid
acetic acid

2.3 Other hazards

PBT/vPvB

No information.

Endocrine disrupting properties

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

The product does not contain substances with the potential for endocrine disorders.

Additional information

No information.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

For mixtures see 3.2.

3.2 Mixtures

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
ethyl butyrate	105-54-4 203-306-4 -	[20-50]	Flam. Liq. 3; H226 Eye Irrit. 2; H319	/	/
propionic acid	79-09-4 201-176-3 607-098-00-0	[10-20]	Flam. Liq. 3; H226 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335	oral: ATE = 3455 mg/kg bw dermal: ATE = 3235 mg/kg bw	/
2-methylbutyric acid	116-53-0 204-145-2 -	[10-20]	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Eye Dam. 1; H318	oral: ATE = 1760 mg/kg bw dermal: ATE = 1600 mg/kg bw	/



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
hexanoic acid	142-62-1 205-550-7 -	[5-10]	Skin Corr. 1C; H314 Eye Dam. 1; H318	oral: ATE = 4000 mg/kg bw	/
(R)-p-mentha- 1,8-diene	123-66-0 204-640-3 -	[5-10]	Flam. Liq. 3; H226 Skin Irrit. 2; H315	/	/
ethyl isovalerate	108-64-5 203-602-3 -	[5-10]	Flam. Liq. 3; H226 Skin Irrit. 2; H315	/	/
trans-2- Hexenol	2305-21-7 213-191-2 -	[1-5]	Flam. Liq. 3; H226 Skin Corr. 1B; H314 Skin Sens. 1B; H317 Eye Dam. 1; H318	oral: ATE = 3500 mg/kg bw dermal: ATE = 4500 mg/kg bw	/
hexan-1-ol	111-27-3 203-852-3 -	[1-5]	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 4; H312 Eye Irrit. 2; H319	oral: ATE = 500 mg/kg bw dermal: ATE = 1750 mg/kg bw	/
butyric acid	107-92-6 203-532-3 607-135-00-6	[1-5]	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318	oral: ATE = 1630 mg/kg bw	/

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
acetic acid	64-19-7 200-580-7 607-002-00-6	[1-5]	Flam. Liq. 3; H226 Skin Corr. 1A; H314 Eye Dam. 1; H318	oral: ATE = 3310 mg/kg bw	/

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician. No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. When it is suspected, that there may still be harmful vapours/fumes present in the air, respiratory protection (mask; self contained breathing apparatus) must be used. Wash contaminated clothing with water before removing or use gloves.

Following inhalation

Remove patient to fresh air - move out of dangerous area. In case of unconsciousness bring patient into stable side position and seek medical attention. If breathing is irregular or respiratory arrest occurs, provide artificial respiration. Keep at rest in a position comfortable for breathing. Seek medical help immediately.

Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. Immediately obtain professional medical help!

Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. After 5 minutes of rinsing, remove contact lenses, if present, and continue rinsing. Consult a physician immediately!

Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Immediately consult a doctor. Show the physician the safety data sheet or label.



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation.

Following skin contact

Skin burns: Signs/symptoms may include localised redness, swelling, itching, dryness, blistering. May cause sensitisation by skin contact (itching, redness, rashes).

Following eye contact

Redness, pain, burning sensation, tearing, can cause permanent damage to the eyes.

Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort. If ingested, may cause burns of the mouth and throat, as well as perforation of the esophagus and stomach.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

Unsuitable extinguishing media

Full water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

5.3 Advice for firefighters

Protective actions

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training. Prolonged heating can cause an explosion. Vapours can form explosive mixtures with air. Cool containers at risk with water spray. If possible remove containers from endangered area.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

Additional information

Contaminated firefighting water and fire residues must be disposed of in accordance with the local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

No information.

Precautionary measures

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking!

Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Do not breathe vapour or mist. Avoid contact with skin, eyes and clothing.

For emergency responders

Use personal protective equipment.

6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

6.3 Methods and material for containment and cleaning up

For containment

Stem the spill if this does not pose risks.

For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Use only explosion-proof instruments and equipment. Use spark-proof tools. Prevent release into the sewer, water, basements or confined areas. Ventilate the premises. Clean contaminated area with plenty of water.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Other information

No information.

6.4 Reference to other sections

See also sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges. Vapours are heavier than air and spread along the floor. They form explosive mixtures with air.

Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

Measures to protect the environment

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

Other measures

No information.

Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Avoid contact with skin, eyes and clothes. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep in a cool, dry and well ventilated place. Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep away from oxidising substances. Keep away from sources of ignition - no smoking.

Packaging materials

Store only in original container.

Requirements for storage rooms and vessels

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

Storage temperature

No information.

Storage class

No information.

Further information on storage conditions

No information.

7.3 Specific end use(s)

Recommendations

No information.

Industrial sector specific solutions

No information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit values

Name	mg/m ³	ml/m ³	Short-term value mg/m ³	Short-term value ml/m ³	Remark	Biological Tolerance Values
Acetic acid (64-19-7)	25	10	50	20	/	/
Propionic acid (79-09- 4)	31	10	46	15	/	/

Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

DNEL/DMEL values



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

For product

No information.

For components

No information.

PNEC values

For product

No information.

For components

No information.

8.2 Exposure controls

Appropriate engineering control

Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

Structural measures to prevent exposure

No information.

Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse. Keep eyewash bottles or personal eyewash units and emergency showers available.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

Personal protective equipment

Eye and face protection

Wear tight fitting protective goggles and/or face protection (EN 166).

Hand protection

Protective gloves (EN ISO 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The penetration time is determined by the protective glove manufacturer and must be observed.

Appropriate materials

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Skin protection

Protective antistatic clothing EN 1149 (1:2006, 2:1998 and 3:2004, 5:2008), protective antistatic shoes (EN 20345:2022). At high risk of skin exposure chemical suits (BS EN 13034:2005+A1:2009) and boots may be required (BS EN ISO 20345:2022+A1:2024).

Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (BS EN 136) with filter A2-P2 (BS EN 14387). For dust/gas/ vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard BS EN 137, BS EN 138.

Thermal hazards

No information.

Environmental exposure controls

Substance/mixture related measures to prevent exposure

No information.

Instruction measures to prevent exposure

No information.

Organisational measures to prevent exposure

No information.

Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Important health, safety and environmental information

Physical state	liquid
Shape	Liquid
Colour	Colourless to very pale yellow
Odour	Fruity, strawberry
Odour threshold	No information.
Melting/freezing point or softening point	No information.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	39.8 °C (Flash point (°C) (close cup))
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	No information.
Viscosity	No information.
Solubility	No information.
Partition coefficient n-octanol/water (log value)	No information.
Vapour pressure	No information.
Density / weight	No information.
Relative vapour/gas density	No information.
Particle characteristics	No information.

9.2 Other information

Information with regard to physical hazard classes

No information.

Other safety characteristics

No information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No information.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

Vapours and air can form flammable or explosive mixtures.

10.4 Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks.

10.5 Incompatible materials

Oxidants.

10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

SECTION 11: TOXICOLOGICAL INFORMATION

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

(a) Acute toxicity

For components

Name	Exposure route	Type	Species	Time	Value	Method	Remark
ethyl butyrate	oral	LD ₅₀	rat	/	13000 mg/kg	/	/
propionic acid	oral	LD ₅₀	/	/	3455.1 mg/kg	OECD 401	/
propionic acid	dermal	LD ₅₀	/	/	3235 mg/kg	OECD 402	/



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Name	Exposure route	Type	Species	Time	Value	Method	Remark
propionic acid	inhalation	LC ₅₀	/	/	> 19.7 mg/kg	OECD 403	/
2-methylbutyric acid	oral	STA	/	/	500 mg/kg	/	estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture)
2-methylbutyric acid	dermal	STA	/	/	1100 mg/kg	/	estimate from table 3.1.2 of Annex I of the CLP (figure used for calculation of the acute toxicity estimate of the mixture)
hexanoic acid	oral	LD ₅₀	rat	/	3000 mg/kg	/	/
hexanoic acid	dermal	LD ₅₀	rabbit	/	630 mg/kg	/	/
ethyl isovalerate	oral	LD ₅₀	rat	/	7031 mg/kg	/	/
trans-2-Hexenol	oral	LD ₅₀	rat	/	3500 mg/kg	/	/



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Name	Exposure route	Type	Species	Time	Value	Method	Remark
trans-2-Hexenol	dermal	LD ₅₀	rabbit	/	4500 mg/kg	/	/
hexan-1-ol	oral	LD ₅₀	rat	/	720 mg/kg	/	/
hexan-1-ol	dermal	LD ₅₀	rabbit	/	3100 mg/kg	/	/
butyric acid	oral	TDLo	rat	/	14 mg/kg	/	/
butyric acid	oral	TDLo	mouse	/	33600 mg/kg	/	/
butyric acid	oral	TDLo	hamster	/	14 mg/kg	/	/
butyric acid	oral	LD ₅₀	rat	/	2000 mg/kg	/	/
butyric acid	inhalation	LC ₅₀	rat	/	> 500 mg/m ³	/	/
butyric acid	oral	LDLo	mouse	/	500 mg/kg	/	/
butyric acid	inhalation	LC ₅₀	mouse	/	> 500 mg/m ³	/	/
butyric acid	inhalation	LC ₅₀	rabbit	/	40 mg/m ³	/	/

Additional information

The product is not classified as acutely toxic.

(b) Skin corrosion/irritation

No information.

(c) Serious eye damage/irritation



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

No information.

Additional information

Causes serious eye damage.

(d) Respiratory or skin sensitisation

No information.

Additional information

It contains at least one ingredient that can cause sensitisation. Can cause allergic reaction. May cause an allergic skin reaction.

(e) (Germ cell) mutagenicity

No information.

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

(h) STOT-single exposure

No information.

Additional information

STOT SE (single exposure): Not classified.

(i) STOT-repeated exposure

No information.

Additional information

STOT RE (repeated exposure): Not classified.

(j) Aspiration hazard

No information.

Additional information

Aspiration hazard: Not classified.

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Symptoms related to the physical, chemical and toxicological characteristics

No information.

Interactive effects

No information.

11.2 Information on other hazards

Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

Other information

No information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Acute (short-term) toxicity

For components

Name	Type	Value	Exposure time	Species	Organism	Method	Remark
propionic acid	LC ₅₀	> 10000 mg/L	96 h	fish	<i>Leuciscus idus</i>	DIN 38412 Part 15	/
propionic acid	ErC ₅₀	> 500 mg/L	72 h	algae	<i>Desmodesmus subspicatus</i>	OECD 201	/
propionic acid	EC ₅₀	> 500 mg/L	48 h	crustacea	<i>Daphnia magna</i>	EC 440/2008 C.2	/
propionic acid	EC ₅₀	500 - 1040 mg/L	0 h	bacteria	/	ISO 8192	/



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Name	Type	Value	Exposure time	Species	Organism	Method	Remark
hexanoic acid	LC ₅₀	306 - 334 mg/L	/	fish	<i>Pimephales promelas</i>	/	flow-through
hexanoic acid	LC ₅₀	88 mg/L	/	fish	<i>Pimephales promelas</i>	/	static system
(R)-p-mentha-1,8-diene	LC ₅₀	6.74 mg/L	96	fish	<i>Danio rerio</i>	/	/
(R)-p-mentha-1,8-diene	EC ₅₀	36 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/
(R)-p-mentha-1,8-diene	EC ₅₀	11.8 mg/L	72 h	algae	<i>Raphidocelis subcapitata</i>	/	/
acetic acid	LC ₅₀	75 mg/L	96 h	fish	<i>Lepomis macrochirus</i>	/	static test
acetic acid	EC ₅₀	65 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	static system
acetic acid	EC ₅₀	300.82 mg/L	72 h	algae	<i>Selenastrum capricornutum</i>	/	static system

Chronic (long-term) toxicity

No information.

Additional information

Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

12.2 Persistence and degradability

Abiotic degradation, physical- and photo-chemical elimination

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

No information.

Biodegradation

For components

Name	Type	Rate	Time	Evaluation	Method	Remark
propionic acid	-	93 %	10 days	/	OECD 302 B	/
propionic acid	COD	1520 mg/g	/	/	/	/
propionic acid	BOD5	1300 mg/g	/	/	/	/
(R)-p-mentha-1,8-diene	biodegradability	79 %	28 days	readily biodegradable	/	/
acetic acid	biodegradability	96 %	20 days	readily biodegradable	/	/

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)

For components

Name	Value	Temperature °C	pH	Concentration	Method
hexanoic acid	1.88	/	/	/	/
(R)-p-mentha-1,8-diene	2.96	/	/	/	/
acetic acid	-0.17	/	/	/	/

Bioconcentration factor (BCF)

For components



SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

Name	Species	Organism	Value	Duration	Evaluation	Method	Remark
propionic acid	/	/	< 100	/	/	/	/
acetic acid	BCF	/	3.16	/	/	/	/

12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

Surface tension

For components

Name	Value	Temperature °C	Concentration	Method	Remark
propionic acid	0.0262	25	/	/	/

Adsorption/Desorption

For components

Name	Type	Criterion	Value	Evaluation	Method	Remark
acetic acid	Soil	/	1.15	/	/	Koc

Additional information

No Concerned

12.5 Results of PBT and vPvB assessment

No evaluation.

12.6 Endocrine disrupting properties

For product

No Concerned The product does not contain substances identified as having endocrine disrupting properties (environment) in concentrations equal to or greater than 0.1% (m/m).

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

12.7 Other adverse effects

No Concerned

12.8 Additional information

For product

Product is not classified as hazardous for environment. Do not allow to reach ground water, water courses or sewage system.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

Waste chemical

Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

Waste codes / waste designations according to LoW

No information.

Packaging

Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents. Uncleaned containers should not be perforated, cut or welded. Empty containers represent a fire hazard as they may contain flammable product residues and vapours.

Waste codes / waste designations according to LoW

No information.

Waste treatment-relevant information

No information.

Sewage disposal-relevant information

No information.

Other disposal recommendations

No information.

SECTION 14: TRANSPORT INFORMATION

SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Strawberry Base

Creation date: 17.06.2026, Revision: 17.06.2026, Version: 1.0

14.1 UN number or ID number

ADR/RID	IMDG	IATA	ADN
UN 2920	UN 2920	UN 2920	UN 2920

14.2 UN proper shipping name

ADR/RID	IMDG	IATA	ADN
CORROSIVE LIQUID, FLAMMABLE, N.O.S.	CORROSIVE LIQUID, FLAMMABLE, N.O.S.	CORROSIVE LIQUID, FLAMMABLE, N.O.S.	CORROSIVE LIQUID, FLAMMABLE, N.O.S.

14.3 Transport hazard class(es)

ADR/RID	IMDG	IATA	ADN
8 (3)	8 (3)	8 (3)	8 (3)
 	 	 	 

14.4 Packing group

ADR/RID	IMDG	IATA	ADN
II	II	II	II

14.5 Environmental hazards

ADR/RID	IMDG	IATA	ADN
NO	NO	NO	NO

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ADR/RID	IMDG	IATA	ADN
Limited quantities: 1 L Special provisions: 274 Packing Instructions: P001, IBC02 Transport category: 2 Tunnel restriction code: (D/E) Classification code: CF1	Limited quantities: 1 L EmS: F-E, S-C Flash point: 39.8 °C	Limited Quantity, Packing Instructions (Ltd Qty, Pkg Inst): Y840 Limited Quantity, Maximum Net Quantity/Package (Ltd Qty, Max Net Qty/Pkg): 0.5 L Packing Instructions (Pkg Inst): 851 Maximum Net Quantity/Package (Max Net Qty/Pkg): 1 L Cargo Aircraft Only, Packing Instructions (CAO, Pkg Inst): 855 Cargo Aircraft Only, Maximum Net Quantity/Package (CAO, Max Net Qty/Pkg): 30 L Excepted quantities: E2 ERG code: 8F	Limited quantities: 1 L

14.7 Maritime transport in bulk according to IMO instruments

ADR/RID	IMDG	IATA	ADN
/	Goods may not be carried in bulk in bulk containers, containers or vehicles.	/	/



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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
- EH40/2005 Workplace exposure limits (Fourth Edition 2020)

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

not applicable

Ingredients according to Regulation (EC) No 648/2004 on detergents

No information.

Special instructions

Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Indication of changes

No information.

Key literature references and sources for data

No information.

Abbreviations and acronyms

ATE - Acute Toxicity Estimate
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
CEN - European Committee for Standardisation
C&L - Classification and Labelling
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CAS# - Chemical Abstracts Service number
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSA - Chemical Safety Assessment



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DMEL - Derived Minimal Effect Level
DNEL - Derived No Effect Level
DPD - Dangerous Preparations Directive 1999/45/EC
DSD - Dangerous Substances Directive 67/548/EEC
DU - Downstream User
EC - European Community
ECHA - European Chemicals Agency
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)
EEC - European Economic Community
EINECS - European Inventory of Existing Commercial Substances
ELINCS - European List of notified Chemical Substances
EN - European Standard
EQS - Environmental Quality Standard
EU - European Union
Euphrac - European Phrase Catalogue
EWC - European Waste Catalogue (replaced by LoW – see below)
GES - Generic Exposure Scenario
GHS - Globally Harmonized System
IATA - International Air Transport Association
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG - International Maritime Dangerous Goods
IMSBC - International Maritime Solid Bulk Cargoes
IT - Information Technology
IUCLID - International Uniform Chemical Information Database
IUPAC - International Union for Pure Applied Chemistry
JRC - Joint Research Centre
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LE - Legal Entity
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)
LR - Lead Registrant
M/I - Manufacturer / Importer
MS - Member States
MSDS - Material Safety Data Sheet
OC - Operational Conditions
OECD - Organization for Economic Co-operation and Development
OEL - Occupational Exposure Limit
OJ - Official Journal
OR - Only Representative
OSHA - European Agency for Safety and Health at work
PBT - Persistent, Bioaccumulative and Toxic substance
PEC - Predicted Effect Concentration
PNEC(s) - Predicted No Effect Concentration(s)
PPE - Personal Protection Equipment
(Q)SAR - Qualitative Structure Activity Relationship
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No 1907/2006)
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail



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RIP - REACH Implementation Project
RMM - Risk Management Measure
SCBA - Self-Contained Breathing Apparatus
SDS - Safety data sheet
SIEF - Substance Information Exchange Forum
SME - Small and Medium sized Enterprises
STOT - Specific Target Organ Toxicity
(STOT) RE - Repeated Exposure
(STOT) SE - Single Exposure
SVHC - Substances of Very High Concern
UN - United Nations
vPvB - Very Persistent and Very Bioaccumulative

List of relevant H phrases

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

