

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Blueberry Lemonade

Revision date: 16.08.2018

Product code: 8151

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

1.1. Product identifier

Blueberry Lemonade

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

Use of the substance/mixture

Flavouring

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name: VAPE GmbH
Street: An der Autobahn 3a
Place: D-27798 Hude-Altmoorhausen
Responsible Department: labor@hisvape.net

1.4. Emergency telephone number:

Poison Information Center Mainz, Germany, Tel: +49(0)6131/19240

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Respiratory or skin sensitisation: Skin Sens. 1A

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

May cause an allergic skin reaction.

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

lemon oil

4-hydroxy-2,5-dimethylfuran-2(3H)-one

linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool

(S)-p-mentha-1,8-diene, l-limonene

Barosma betulina, ext.

beta-Damascone

methyl oct-2-ynoate

ethyl 2,3-epoxy-3-phenylbutyrate

geraniol

geranyl acetate

lavender oil

2-(1-mercapto-1-methylethyl)-5-methylcyclohexan-1-one

Rhodinol

Tagetes erecta, ext.

piperonal

3,4-dihydrocoumarin

Signal word: Warning

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Pictograms:**Hazard statements**

- H317 May cause an allergic skin reaction.
 H412 Harmful 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.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of contents/container to local/regional/national/international regulations.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
121-33-5	vanillin			1 - < 5 %
	204-465-2			
	Eye Irrit. 2; H319			
4940-11-8	2-ethyl-3-hydroxy-4-pyrone			1 - < 5 %
	225-582-5			
	Acute Tox. 4; H302			
8008-56-8	lemon oil			< 1 %
	284-515-8			
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H304 H400 H410			
3658-77-3	4-hydroxy-2,5-dimethylfuran-2(3H)-one			< 1 %
	222-908-8			
	Eye Irrit. 2, Skin Sens. 1A; H319 H317			
75-18-3	Dimethyl sulphide			< 1 %
	200-846-2			
	Flam. Liq. 2, Acute Tox. 3; H225 H301			
78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool			< 1 %
	201-134-4	603-235-00-2		
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1B; H315 H319 H317			
5989-54-8	(S)-p-mentha-1,8-diene, l-limonene			< 1 %
	227-815-6	601-029-00-7		



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	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H400 H410	
123-68-2	Allyl hexanoate	< 1 %
	204-642-4	
	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Aquatic Acute 1, Aquatic Chronic 3; H331 H311 H301 H400 H412	
84649-93-4	Barosma betulina, ext.	< 1 %
	283-474-3	
	Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H302 H315 H317 H304 H400 H410	
23726-92-3	beta-Damascone	< 1 %
	245-843-7	
	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H317 H411	
111-12-6	methyl oct-2-ynoate	< 1 %
	203-836-6	
	Acute Tox. 4, Skin Sens. 1; H302 H317	
77-83-8	ethyl 2,3-epoxy-3-phenylbutyrate	< 1 %
	201-061-8	
	Skin Sens. 1B, Aquatic Chronic 2; H317 H411	
106-24-1	geraniol	< 1 %
	203-377-1	
	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1; H315 H318 H317	
105-87-3	geranyl acetate	< 1 %
	203-341-5	
	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 3; H315 H317 H412	
8000-28-0	lavender oil	< 1 %
	289-995-2	
	Eye Irrit. 2, Skin Sens. 1B, Asp. Tox. 1, Aquatic Chronic 3; H319 H317 H304 H412	
38462-22-5	2-(1-mercapto-1-methylethyl)-5-methylcyclohexan-1-one	< 1 %
	253-953-1	
	Skin Sens. 1; H317	
141-25-3	Rhodinol	< 1 %
	229-887-4	
	Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1; H315 H318 H317	
8016-84-0	Tagetes erecta, ext.	< 1 %
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Chronic 2; H226 H315 H317 H304 H411	
120-57-0	piperonal	< 1 %
	204-409-7	
	Skin Sens. 1B; H317	
119-84-6	3,4-dihydrocoumarin	< 1 %
	204-354-9	
	Acute Tox. 4, Skin Sens. 1; H302 H317	

Full text of H and EUH statements: see section 16.



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Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

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

No information available.

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 (CO₂). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2. Environmental precautions

Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated objects and areas thoroughly observing environmental regulations.



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6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

Wear suitable protective clothing. See section 8.

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 20°C

Protect against: Light. UV-radiation/sunlight. heat. moisture.

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
57-55-6	Propane-1,2-diol, particulates	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls**Appropriate engineering controls**

Provide adequate ventilation.

Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). DIN EN 166

Hand protection

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm



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Breakthrough time ≥ 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time ≥ 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time ≥ 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time ≥ 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time ≥ 8 h

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

-exceeding exposure limit values

-insufficient ventilation and aerosol or mist formation

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). Type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Environmental exposure controls

No special precautionary measures are necessary.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	not determined
Odour:	characteristic

pH-Value:	not determined
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Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Flash point:	not determined
Sustaining combustion:	Not sustaining combustion

Explosive properties

none

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined

Auto-ignition temperature

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Gas: not determined

Decomposition temperature: not determined

Oxidizing properties

none

Vapour pressure: not determined

Density: not determined

Water solubility: not determined

Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Flow time: not determined

Vapour density: not determined

Evaporation rate: not determined

Solvent separation test: not determined

Solvent content: not determined

9.2. Other information

Solid content: not determined

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

No information available.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

10.5. Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

10.6. Hazardous decomposition productsCan be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No data available.

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
4940-11-8	2-ethyl-3-hydroxy-4-pyrone				



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	oral	ATE mg/kg	500			
8008-56-8	lemon oil					
	oral	LD50 mg/kg	2840	Rat.	ChemID	
	dermal	LD50 mg/kg	> 5000	Rabbit	ChemID	
3658-77-3	4-hydroxy-2,5-dimethylfuran-2(3H)-one					
	oral	LD50 mg/kg	1608	Mouse.	RTECS	
75-18-3	Dimethyl sulphide					
	oral	ATE mg/kg	100			
78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool					
	oral	LD50 mg/kg	2200	Mouse.	ECHA Dossier	
	dermal	LD50 mg/kg	>5000	Rabbit	ECHA Dossier	
5989-54-8	(S)-p-mentha-1,8-diene, l-limonene					
	oral	LD50 mg/kg	4400	Rat		
123-68-2	Allyl hexanoate					
	oral	LD50 mg/kg	218	Rat.	ECHA	
	dermal	LD50 mg/kg	300	Rabbit.	RTECS	
	inhalation vapour	ATE	3 mg/l			
	inhalation aerosol	ATE	0,5 mg/l			
84649-93-4	Barosma betulina, ext.					
	oral	ATE mg/kg	500			
111-12-6	methyl oct-2-ynoate					
	oral	ATE mg/kg	500			
77-83-8	ethyl 2,3-epoxy-3-phenylbutyrate					
	oral	LD50 mg/kg	5470	Rat.	ECHA Dossier	
	dermal	LD50 mg/kg	>2000	Rat.	ECHA Dossier	
106-24-1	geraniol					
	oral	LD50 mg/kg	3600	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	>5000	Rabbit.	ECHA Dossier	
105-87-3	geranyl acetate					
	oral	LD50 mg/kg	6330	Rat	ECHA Dossier	
	dermal	LD50 mg/kg	5460	Rabbit	ECHA Dossier	
120-57-0	piperonal					



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	dermal	LD50 mg/kg	>5000	Rat	ECHA Dossier	
119-84-6	3,4-dihydrocoumarin					
	oral	ATE mg/kg	500			

Irritation and corrosivity

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

Sensitising effects

May cause an allergic skin reaction. (lemon oil; 4-hydroxy-2,5-dimethylfuran-2(3H)-one; linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool; (S)-p-mentha-1,8-diene, l-limonene; Barosma betulina, ext.; beta-Damascone; methyl oct-2-ynoate; ethyl 2,3-epoxy-3-phenylbutyrate; geraniol; geranyl acetate; lavender oil; 2-(1-mercapto-1-methylethyl)-5-methylcyclohexan-1-one; Rhodinol; Tagetes erecta, ext.; piperonal; 3,4-dihydrocoumarin)

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information

12.1. Toxicity

The product has not been tested.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool					
	Acute fish toxicity	LC50 mg/l	27,8	96 h	Oncorhynchus mykiss (Rainbow trout)	ECHA Dossier
	Acute algae toxicity	ErC50 mg/l	88,3	96 h	Desmodesmus subspicatus	ECHA Dossier
	Acute crustacea toxicity	EC50	59 mg/l	48 h	Daphnia magna	ECHA Dossier
123-68-2	Allyl hexanoate					
	Acute fish toxicity	LC50 mg/l	0,117	96 h	Brachydanio rerio	ECHA
	Acute crustacea toxicity	EC50	2 mg/l	48 h	Daphnia magna	ECHA
	Algae toxicity	NOEC mg/l	(0,158)	3 d	Desmodesmus subspicatus	ECHA
77-83-8	ethyl 2,3-epoxy-3-phenylbutyrate					
	Acute fish toxicity	LC50 mg/l	(4,2)	96 h	Oncorhynchus mykiss	ECHA Dossier
	Acute algae toxicity	ErC50	(42) mg/l	96 h	Pseudokirchneriella subcapitata	ECHA Dossier
	Acute crustacea toxicity	EC50	(52) mg/l	48 h	Daphnia magna	ECHA Dossier
106-24-1	geraniol					
	Acute fish toxicity	LC50	22 mg/l	96 h	Brachydanio rerio (zebra-fish)	ECHA Dossier



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	Acute algae toxicity	ErC50 mg/l	13,1	72 h	Desmodesmus subspicatus	ECHA Dossier	
	Acute crustacea toxicity	EC50 mg/l	10,8	48 h	Daphnia magna	ECHA Dossier	
105-87-3	geranyl acetate						
	Acute algae toxicity	ErC50 mg/l	3,72	72 h	Desmodesmus subspicatus	ECHA Dossier	
	Acute crustacea toxicity	EC50 mg/l	14,1	48 h	Daphnia magna	ECHA Dossier	
120-57-0	piperonal						
	Acute fish toxicity	LC50	2.5 mg/l	96 h	Cyprinus carpio (Common Carp)	ECHA Dossier	
	Acute algae toxicity	ErC50	31 mg/l	72 h	Pseudokirchneriella subcapitata	ECHA Dossier	
	Acute crustacea toxicity	EC50	52 mg/l	48 h	Daphnia magna	ECHA Dossier	

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
121-33-5	vanillin			
	OECD 301C / ISO 9408 / EEC 92/69 annex V, C.4-F	97-100%	14	ECHA Dossier
	Easily biodegradable (concerning to the criteria of the OECD)			
78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool			
	OECD 301D / EEC 92/69 annex V, C.4-E	64,2%	28	ECHA Dossier
	Easily biodegradable (concerning to the criteria of the OECD)			
77-83-8	ethyl 2,3-epoxy-3-phenylbutyrate			
	OECD 301F / ISO 9408 / EEC 92/69 annex V, C.4-D	53%	28	ECHA Dossier
	Not easily bio-degradable (according to OECD-criteria).			
106-24-1	geraniol			
	OECD Guideline 301 A (new version)	90%	3	ECHA Dossier
	Product is biodegradable.			
105-87-3	geranyl acetate			
	EEC Directive 79-831, Annex V, Part C, 5.2	>70%	28	ECHA Dossier
	Product is biodegradable.			
120-57-0	piperonal			
	OECD 301F / ISO 9408 / EEC 92/69 annex V, C.4-D	82%	28	ECHA Dossier
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
4940-11-8	2-ethyl-3-hydroxy-4-pyrone	0,63
3658-77-3	4-hydroxy-2,5-dimethylfuran-2(3H)-one	0,34
78-70-6	linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool	2,84
5989-54-8	(S)-p-mentha-1,8-diene, l-limonene	4,38
77-83-8	ethyl 2,3-epoxy-3-phenylbutyrate	3,0
106-24-1	geraniol	2,6
105-87-3	geranyl acetate	4,04



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12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available.

Further information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.

Non-contaminated packages may be recycled.

According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to EAKV:

Waste disposal number of waste from residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Waste disposal number of used product

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)**14.1. UN number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)**14.1. UN number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.



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Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

refer to chapter 6-8

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not relevant

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3: ethanol, ethyl alcohol; (S)-p-mentha-1,8-diene, l-limonene

2010/75/EU (VOC): No information available.

2004/42/EC (VOC): No information available.

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

REACH 1907/2006 Appendix XVII, No (mixture): 3

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 3 - highly water contaminating

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

SECTION 16: Other information

Changes

Rev. 1.0; Initial release: 16.08.2018

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

CAS Chemical Abstracts Service

DNEL: Derived No Effect Level

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Blueberry Lemonade

Revision date: 16.08.2018

Product code: 8151

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LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 NOAEL: No observed adverse effect level
 NOAEC: No observed adverse effect level
 NTP: National Toxicology Program
 N/A: not applicable
 OSHA: Occupational Safety and Health Administration
 PNEC: predicted no effect concentration
 PBT: Persistent bioaccumulative toxic
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 SARA: Superfund Amendments and Reauthorization Act
 SVHC: substance of very high concern
 TRGS Technische Regeln fuer Gefahrstoffe
 TSCA: Toxic Substances Control Act
 VOC: Volatile Organic Compounds
 VwVwS: Verwaltungsvorschrift wassergefährdender Stoffe
 WGK: Wassergefährdungsklasse

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Sens. 1A; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H301 Toxic if swallowed.
 H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H311 Toxic in contact with skin.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H331 Toxic if inhaled.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H411 Toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.

Further Information

Classification according EC regulation 1272/2008 (CLP): - Classification procedure:
 Health hazards: Calculation method.
 Environmental hazards: Calculation method.
 Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

