



Black Currant

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 12/18/2018

Revision date: 12/03/2019

Version: 2.1

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Black Currant

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Perfume ingredient. Not for use in food or feed.

1.3. Supplier

AAA Candle Supplies, Inc.
10460 Brockwood Rd
Dallas, Texas 75238
T (214) 342-9898
www.AAACandleSupply.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquids Category 3	H226	Flammable liquid and vapor.
Skin corrosion/irritation Category 2	H315	Causes skin irritation
Serious eye damage/eye irritation Category 2	H319	Causes serious eye irritation
Respiratory sensitization, Category 1	H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
Skin sensitization, Category 1	H317	May cause an allergic skin reaction
Carcinogenicity Category 2	H351	Suspected of causing cancer
Reproductive toxicity Category 2	H361	Suspected of damaging fertility or the unborn child

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

Flammable liquid and vapor.
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
May cause an allergy or asthma symptoms or breathing difficulties if inhaled
Suspected of causing cancer
Suspected of damaging fertility or the unborn child

Precautionary statements (GHS US) :

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing mist, vapors and spray.
Wash hands, forearms and face thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves, protective clothing, eye and face protection
In case of inadequate ventilation, wear respiratory protection.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower
If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If exposed or concerned: Get medical attention.
If skin irritation or rash occurs: Get medical attention.
If eye irritation persists: Get medical attention.
If experiencing respiratory symptoms: Call a poison center or doctor

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Take off contaminated clothing and wash it before reuse.
 In case of fire: Use media other than water to extinguish.
 Store in a well-ventilated place. Keep cool.
 Store locked up.
 Dispose of contents and container in accordance with applicable regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%*	GHS US classification
(+/-)-beta-citronellol	(CAS-No.) 106-22-9	5 - 20	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304
benzyl benzoate	(CAS-No.) 120-51-4	< 5	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
beta-pinene	(CAS-No.) 127-91-3	< 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304
linalyl acetate	(CAS-No.) 115-95-7	< 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 STOT SE 3, H335 Aquatic Acute 3, H402
3,4,5,6,6-pentamethylhept-3-en-2-one	(CAS-No.) 81786-73-4	< 5	Flam. Liq. 4, H227 Skin Sens. 1B, H317
trans-geranyl acetate	(CAS-No.) 105-87-3	< 5	Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Chronic 2, H411
Cassis Base 345B		< 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Resp. Sens. 1, H334 Repr. 2, H361 Asp. Tox. 1, H304
alpha-hexylcinnamaldehyde	(CAS-No.) 101-86-0	< 5	Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Orange terpenes	(CAS-No.) 8028-48-6	< 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
benzophenone	(CAS-No.) 119-61-9	< 5	Carc. 2, H351 STOT RE 2, H373 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
rose oxide	(CAS-No.) 16409-43-1	< 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Repr. 2, H361
delta-damascone	(CAS-No.) 57378-68-4	< 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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*Exact concentrations have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : If exposed or concerned: Get medical attention. Call a poison center or a doctor if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
- First-aid measures after skin contact : Rinse skin with water or shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
- Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

- Fire hazard : Flammable liquid and vapor.
- Reactivity : Flammable liquid and vapor.

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing mist, vapors and spray.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing mist, vapors and spray.
- Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ground and bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

beta-pinene (127-91-3)

ACGIH	ACGIH TWA (ppm)	20 ppm (Turpentine and selected monoterpenes; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
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8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

- Hand protection : Protective gloves
Eye protection : Safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : Wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
Color : Colorless to light yellow
Odor : Fruity – Black Currant
Odor threshold : No data available
pH : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : > 90 °F
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : Not applicable.
Vapor pressure : No data available
Relative vapor density at 20 °C : No data available
Specific gravity : No data available
Relative density : No data available
Solubility : Insoluble in water. Soluble in oil. Soluble in organic solvents.
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
 Acute toxicity (dermal) : Not classified
 Acute toxicity (inhalation) : Not classified

benzophenone (119-61-9)	
LD50 oral rat	> 10000 mg/kg (Rat)
LD50 dermal rabbit	3535 mg/kg (Rabbit)
ATE US (oral)	2895 mg/kg body weight
ATE US (dermal)	3535 mg/kg body weight

benzyl benzoate (120-51-4)	
LD50 oral rat	1870 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; >2000 mg/kg bodyweight; Rat)
LD50 dermal rat	4400 mg/kg (Rat)
LD50 dermal rabbit	4000 mg/kg (Rabbit; Experimental value; Modification of Draize 1959 method; >2; Rabbit)
ATE US (oral)	1500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight

beta-pinene (127-91-3)	
LD50 oral rat	4700 mg/kg (Rat)
ATE US (oral)	4700 mg/kg body weight

(+/-)-beta-citronellol (106-22-9)	
LD50 oral rat	3450 mg/kg (Rat; Inconclusive, insufficient data)
LD50 dermal rabbit	2650 mg/kg (Rabbit; Inconclusive, insufficient data)
ATE US (oral)	3450 mg/kg body weight
ATE US (dermal)	2650 mg/kg body weight

trans-geranyl acetate (105-87-3)	
LD50 oral rat	6300 mg/kg (Rat)
ATE US (oral)	6300 mg/kg body weight

alpha-hexylcinnamaldehyde (101-86-0)	
LD50 oral rat	3100 mg/kg (Rat)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit)
ATE US (oral)	3100 mg/kg body weight

linalyl acetate (115-95-7)	
LD50 oral rat	13934 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
ATE US (oral)	13934 mg/kg body weight

rose oxide (16409-43-1)	
LD50 oral rat	4300 mg/kg (Rat)
ATE US (oral)	4300 mg/kg body weight

delta-damascone (57378-68-4)	
ATE US (oral)	1400 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.
 Serious eye damage/irritation : Causes serious eye irritation.
 Respiratory or skin sensitization : May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Suspected of causing cancer.

benzophenone (119-61-9)	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity : Suspected of damaging fertility or the unborn child.
 STOT-single exposure : Not classified

trans-geranyl acetate (105-87-3)	
STOT-single exposure	May cause respiratory irritation.

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linalyl acetate (115-95-7)	
STOT-single exposure	May cause respiratory irritation.
Orange terpenes (8028-48-6)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
benzophenone (119-61-9)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects after inhalation	: May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

benzophenone (119-61-9)	
EC50 Daphnia 1	0.27 mg/l (EC50; 24 h)
LC50 fish 2	15.3 mg/l (LC50; 96 h)
(+/-)-beta-citronellol (106-22-9)	
LC50 fish 1	> mg/l >10 <22, LC50; 96 h
EC50 Daphnia 1	17 mg/l (EC50; 48 h)
Threshold limit algae 1	2.4 mg/l (EC50; 72 h)
linalyl acetate (115-95-7)	
LC50 fish 1	11 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Cyprinus carpio)
EC50 Daphnia 1	15 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilization Test; 48 h; Daphnia magna)
Threshold limit algae 1	16 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus)

12.2. Persistence and degradability

benzophenone (119-61-9)	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil.
BOD (% of ThOD)	0.12
benzyl benzoate (120-51-4)	
Persistence and degradability	Readily biodegradable in water. Low potential for mobility in soil.
beta-pinene (127-91-3)	
Persistence and degradability	Not readily biodegradable in water.
(+/-)-beta-citronellol (106-22-9)	
Persistence and degradability	Readily biodegradable in water.
Chemical oxygen demand (COD)	2.05 g O ₂ /g substance
ThOD	2.961 g O ₂ /g substance
trans-geranyl acetate (105-87-3)	
Persistence and degradability	Biodegradability in water: no data available. Forming sediments in water.
ThOD	2.6 g O ₂ /g substance
alpha-hexylcinnamaldehyde (101-86-0)	
Persistence and degradability	Readily biodegradable in water.
linalyl acetate (115-95-7)	
Persistence and degradability	Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil. Ozonation in the air. Photodegradation in the air.
Orange terpenes (8028-48-6)	
Persistence and degradability	Biodegradability in water: no data available.
rose oxide (16409-43-1)	
Persistence and degradability	Biodegradability in water: no data available.

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rose oxide (16409-43-1)	
ThOD	2.9 g O ₂ /g substance
12.3. Bioaccumulative potential	
benzophenone (119-61-9)	
BCF fish 1	3.4 - 12 (BCF)
Log Pow	3.18 - 3.38
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
benzyl benzoate (120-51-4)	
BCF fish 1	2286 (BCF; BCFBAF v3.00; Pisces)
Log Pow	3.88 - 4
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
beta-pinene (127-91-3)	
BCF fish 1	718 (BCF)
Log Pow	4.16 (Experimental value)
Bioaccumulative potential	Bioaccumable.
(+/-)-beta-citronellol (106-22-9)	
Log Pow	3.41 - 3.91
trans-geranyl acetate (105-87-3)	
BCF other aquatic organisms 1	1500 (BCF)
Log Pow	4.04 (Experimental value)
alpha-hexylcinnamaldehyde (101-86-0)	
BCF other aquatic organisms 1	3120 (BCF)
Log Pow	4.7
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
linalyl acetate (115-95-7)	
Log Pow	3.93 (Experimental value)
Orange terpenes (8028-48-6)	
Bioaccumulative potential	No bioaccumulation data available.
rose oxide (16409-43-1)	
Bioaccumulative potential	No bioaccumulation data available.
12.4. Mobility in soil	
benzophenone (119-61-9)	
Surface tension	0.042 N/m (50 °C)
benzyl benzoate (120-51-4)	
Surface tension	0.027 N/m (210 °C)
Log Koc	log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC); 3,8; Experimental value

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

- Waste treatment methods : Dispose of contents and container in accordance with licensed collector's sorting instructions.
 Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

- Transport document description : ID8000 Consumer commodity, 9
 UN-No.(DOT) : ID8000
 Proper Shipping Name (DOT) : Consumer commodity
 Class (DOT) : 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

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Hazard labels (DOT) : 9 - Class 9 (Miscellaneous dangerous materials)



Other information : No supplementary information available.

Transport by sea
Not regulated

Air transport

Transport document description (IATA) : UN 8000 Consumer commodity, 9
UN-No. (IATA) : 8000
Proper Shipping Name (IATA) : Consumer commodity
Class (IATA) : 9 - Miscellaneous Dangerous Goods

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

No additional information available

15.3. US State regulations

WARNING: This product can expose you to benzophenone, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Name	CAS-No.	U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
benzophenone	119-61-9	X	--	--	--	--	--

SECTION 16: Other information

Revision date : 12/03/2019

Full text of H-phrases:

H226	Flammable liquid and vapor.
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H320	Causes eye irritation
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.