



# BBQ

## Water Based Scent Additive for Fog, Haze, Snow & Bubble Juice

### Safety Data Sheet

**Froggy's Fog LLC**  
302 Rutherford Lane  
Columbia, TN 38401  
United States  
Phone: (615) 469-4906

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

Version: 2023.1  
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#### SECTION 1: Identification of the Substance/Mixture and of the Company

##### 1.1. Product Identifier

Product Name : BBQ - Water Based Scent Additive for Fog, Haze, Snow & Bubble Juice  
Product Code : WBS-BBQP

##### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

##### 1.3. Supplier

**Froggy's Fog LLC**  
302 Rutherford Lane  
Columbia, TN 38401  
1-615-469-4906  
www.froggysfog.com

##### 1.4. Emergency Telephone Number

Emergency Telephone Number : 1-800-424-9300 Outside USA and Canada +1 703-741-5970 (collect calls accepted)  
For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night. Within USA and Canada: 1-800-424-9300. Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

#### SECTION 2: Hazard(s) Identification

##### 2.1. Classification of the Substance or Mixture

###### GHS-US Classification

Carc 2	H351
Aquatic Acute 3	H402
Aquatic Chronic 3	H412

Full test of H-phrases: see section 16

##### 2.2. GHS Label Elements, Including Precautionary Statements

###### GHS US labelling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H351 – Suspected of causing cancer  
H402 – Harmful to aquatic life  
H412 – Harmful to aquatic life with long lasting effects

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Precautionary statements (GHS-US) : P201 – Obtain special instructions before use  
P202 – DO not handle until all safety precautions have been read and understood  
P273 – Avoid release to the environment  
P280 – Wear protective gloves/protective clothing/eye protection  
P308+P313 – If exposed or concerned: Get medical advice/attention  
P405 – Store locked up  
P501 – Dispose in a safe manner in accordance with local/national regulations

**2.3. Other Hazards**

No additional information available

**2.4. Unknown Acute Toxicity (GHS US)**

Not applicable

**SECTION 3: Composition/Information on Ingredients****3.1. Substance**

Not applicable

**3.2. Mixture**

Name	Product identifier	%	GHS-US classification
Benzyl benzoate	(CAS No) 120-51-4	5 - 10	Acute Tox. 4 (Oral), H302 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
SANTALEX	(CAS No) 3407-42-9	1 - 5	Skin Irrit. 2, H315 Aquatic Chronic 3, H412
GUAICWOOD ACETATE	(CAS No) 61789-17-1	1 - 5	Skin Irrit. 2, H315
alpha-Cedrene	(CAS No) 469-61-4	0.4925 - 0.53	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
CADE OIL RECTIFIED	(CAS No) 8013-10-3	< 1	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
CARYOPHYLLENE	(CAS No) 87-44-5	0.1052 - 0.1552	Asp. Tox. 1, H304
1,2-dihydroxybenzene	(CAS No) 120-80-9	0 - 0.1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 Muta. 2, H341 Carc. 2, H351 Aquatic Acute 2, H401
alpha-Pinene	(CAS No) 80-56-8	< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304
d-Limonene	(CAS No) 5989-27-5	< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
delta-3-Carene	(CAS No) 13466-78-9	< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304
1-methylnaphthalene	(CAS No) 90-12-0	0 - 0.0125	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

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p-Cymene	(CAS No) 99-87-6	< 1	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
GAMMA TERPINENE	(CAS No) 99-85-4	< 1	Flam. Liq. 3, H226 Asp. Tox. 1, H304
p-Mentha-1,3-diene	(CAS No) 99-86-5	< 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Terpinolene	(CAS No) 586-62-9	< 1	Flam. Liq. 3, H226 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Myrcene	(CAS No) 123-35-3	< 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H335 Asp. Tox. 1, H304
beta-Phellandrene	(CAS No) 555-10-2	< 1	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Phellandrene	(CAS No) 1329-99-3	< 1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Asp. Tox. 1, H304
l-beta-Bisabolene	(CAS No) 495-61-4	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304

Full text of H-phrases : see section 16

**SECTION 4: First-Aid Measures****4.1. Description of First Aid Measures**

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice  
(show the label where possible). Suspected of causing cancer.
- First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

**4.2. Most Important Symptoms and Effects (Acute and Delayed)**

No additional information available.

**4.3. Immediate Medical Attention and Special Treatment, if Necessary**

No additional information available.

**SECTION 5: Firefighting Measures****5.1. Extinguishing Media**

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

## 5.2. Specific Hazards Arising from the Substance or Mixture

No additional information available

## 5.3. Advice for Firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

# SECTION 6: Accidental Release Measures

## 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

### 6.1.1. For Non-Emergency Personnel

Emergency procedure : Evacuate unnecessary personnel.

### 6.1.2. For Emergency Responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

## 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

## 6.3. Methods and Material for Containment and Cleaning Up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

## 6.4. Reference to other Sections

See Heading 8. Exposure controls and personal protection.

# SECTION 7: Handling and Storage

## 7.1. Precautions for Safe Handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

## 7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific End Use(s)

No additional information available

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control Parameters

BBQ, WBS-BBQP		
ACGIH	Not applicable	
OSHA	Not applicable	
SANTALEX (3407-42-9)		
ACGIH	Not applicable	
OSHA	Not applicable	
GUAICWOOD ACETATE (61789-17-1)		
ACGIH	Not applicable	
OSHA	Not applicable	
CADE OIL RECTIFIED (8013-10-3)		
ACGIH	Not applicable	
OSHA	Not applicable	
Benzyl benzoate (120-51-4)		
ACGIH	Not applicable	
OSHA	Not applicable	
alpha-Cedrene (469-61-4)		
ACGIH	Not applicable	
OSHA	Not applicable	
CARYOPHYLENE (87-44-5)		
ACGIH	Not applicable	
OSHA	Not applicable	
1-methylnaphthalene (90-12-0)		
ACGIH	ACGIH TWA (ppm)	0.5 ppm (1-methylnaphthalene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
OSHA	Not applicable	
1,2-dihydroxybenzene (120-80-9)		
ACGIH	ACGIH TWA (ppm)	5 ppm (Catechol; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
OSHA	Not applicable	
p-Cymene (99-87-6)		
ACGIH	Not applicable	
OSHA	Not applicable	

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<b>Terpinolene (586-62-9)</b>	
ACGIH	Not applicable
OSHA	Not applicable

<b>delta-3-Carene (13466-78-9)</b>		
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	ACGIH STEL (ppm)	20 ppm
OSHA	Not applicable	

<b>alpha-Pinene (80-56-8)</b>	
ACGIH	Not applicable
OSHA	Not applicable

<b>d-Limonene (5989-27-5)</b>	
ACGIH	Not applicable
OSHA	Not applicable

<b>l-beta-Bisabolene (495-61-4)</b>	
ACGIH	Not applicable
OSHA	Not applicable

<b>GAMMA TERPINENE (99-85-4)</b>	
ACGIH	Not applicable
OSHA	Not applicable

<b>Myrcene (123-35-3)</b>	
ACGIH	Not applicable
OSHA	Not applicable

<b>p-Mentha-1,3-diene (99-86-5)</b>	
ACGIH	Not applicable
OSHA	Not applicable

<b>Phellandrene (1329-99-3)</b>	
ACGIH	Not applicable
OSHA	Not applicable

<b>beta-Phellandrene (555-10-2)</b>	
ACGIH	Not applicable
OSHA	Not applicable

## 8.2. Exposure Controls

<b>Personal protective equipment:</b>
Avoid all unnecessary exposure.
<b>Hand protection:</b>
Wear protective gloves/protective clothing/eye protection/protective gloves.
<b>Eye protection:</b>
Chemical goggles or safety glasses
<b>Respiratory protection:</b>
Wear appropriate mask.
<b>Other information</b>
Do not eat, drink, or smoke during use.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

Physical state	: Liquid
Colour	: Colourless
Odour	: characteristic
Odour 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	: > 200 °F
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Vapour pressure	: No data available
Relative density	: 1.076
Relative vapour density at 20 °C	: No data available
Solubility	: Water: Solubility in water of component(s) of the mixture : • TRITON X-100 SURFACTANT: soluble • Camphene: < 0.01 g/100ml • d-Limonene: insoluble • Myrcene: insoluble • Terpinolene: 0.0017 g/100ml • alpha-Terpineol: 0.2 g/100ml • Geraniol: 0.07 g/100ml • Benzyl benzoate: 153 mg/l (20 °C) • ACETIC ACID GLACIAL: Complete • O-CRESOL: 2 g/100ml • 2 5 XYLENOL: 0.35 g/100ml (25 °C) • PARA CRESOL: 2 g/100ml • PHENOL 99%: 8.4 g/100ml (20 °C) • 2 6 XYLENOL 99+%: 0.61 g/100ml (25 °C) • GUAIACOL: 1.5 g/100ml • 1-methylnaphthalene: 0.0028 g/100ml (25 °C) • 2,3-xyleneol: 0.46 g/100ml (25 °C) • 3,5-xyleneol: 0.49 g/100ml • 1,2-dihydroxybenzene: 45 g/100ml • ISO EUGENOL: 0.04 g/100ml (25°C) • Allyl disulfide: 0.0071 g/100ml • Vanillin: 0.9 g/100ml • Carvacrol: poorly soluble • Borneol: insoluble • delta-3-Carene: 0.00029 g/100ml (25°C) • TWEEN 20: Complete
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available

Decomposition temperature : No data available  
Viscosity : No data available  
Viscosity, kinematic : No data available  
Viscosity, dynamic : No data available

## 9.2. Other Information

No additional information available

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical Stability

Not established.

### 10.3. Possibility of Hazardous Reactions

Not established.

### 10.4. Conditions to Avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible Materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological Information

### 11.1. Information on Toxicological Effects

Acute toxicity : Not classified

<b>Benzyl benzoate (120-51-4)</b>	
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)	1870.000 mg/kg bodyweight
ATE US (dermal)	4000.000 mg/kg bodyweight

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<b>1-methylnaphthalene (90-12-0)</b>	
LD50 oral rat	1840 mg/kg (Rat; Literature study)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit; Literature study)
ATE US (oral)	1840.000 mg/kg bodyweight
<b>1,2-dihydroxybenzene (120-80-9)</b>	
LD50 dermal rabbit	800 mg/kg (Rabbit)
ATE US (oral)	100.000 mg/kg bodyweight
ATE US (dermal)	800.000 mg/kg bodyweight

<b>Terpinolene (586-62-9)</b>	
LD50 oral rat	4390 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value; 3740 mg/kg bodyweight; Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; >2000 mg/kg bodyweight; Rabbit)
ATE US (oral)	4390.000 mg/kg bodyweight
<b>delta-3-Carene (13466-78-9)</b>	
LD50 oral rat	4800 mg/kg (Rat)
ATE US (oral)	4800.000 mg/kg bodyweight

<b>d-Limonene (5989-27-5)</b>	
LD50 oral rat	4400 mg/kg bodyweight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Rat; Read-across)
LD50 dermal rabbit	> 5000 mg/kg bodyweight (Rabbit; Weight of evidence; Equivalent or similar to OECD 402)
ATE US (oral)	4400.000 mg/kg bodyweight

<b>p-Mentha-1,3-diene (99-86-5)</b>	
ATE US (oral)	500.000 mg/kg bodyweight
<b>Phellandrene (1329-99-3)</b>	
ATE US (oral)	500.000 mg/kg bodyweight

Skin corrosion/irritation : Not classified  
 Serious eye damage/irritation : Not classified  
 Respiratory or skin sensitisation : Not classified  
 Germ cell mutagenicity : Not classified  
 Carcinogenicity : Suspected of causing cancer.

<b>1,2-dihydroxybenzene (120-80-9)</b>	
IARC group	2B - Possibly carcinogenic to humans

<b>d-Limonene (5989-27-5)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified  
 Specific target organ toxicity (single exposure) : Not classified  
 Specific target organ toxicity (repeated exposure) : Not classified  
 Aspiration hazard : Not classified  
 Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

## SECTION 12: Ecological Information

### 12.1. Toxicity

Ecology - water : Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

<b>Benzyl benzoate (120-51-4)</b>	
LC50 fish 1	4.6 mg/l (96 h; Pisces; GLP)
EC50 Daphnia 1	426 mg/l (24 h; Daphnia magna; Locomotor effect)
LC50 fish 2	2.32 mg/l (96 h; Brachydanio rerio)
EC50 Daphnia 2	309 mg/l (48 h; Daphnia magna; Locomotor effect)
Threshold limit algae 1	647 mg/l (72 h; Pseudokirchneriella subcapitata; Biomass)
Threshold limit algae 2	247 mg/l (72 h; Pseudokirchneriella subcapitata; Growth rate)

<b>1-methylnaphthalene (90-12-0)</b>	
LC50 fish 1	8.4 mg/l (LC50; 48 h; Salmo fario)
EC50 Daphnia 1	1.848 mg/l (LC50; 48 h)
LC50 fish 2	9 mg/l (LC50; 96 h; Pimephales promelas)
EC50 Daphnia 2	1.2 mg/l (EC50; 48 h)
Threshold limit algae 1	1.71 - 5.12, EC50; 3 h
Threshold limit algae 2	1200 µg/l (EC50; 14 days)

<b>1,2-dihydroxybenzene (120-80-9)</b>	
EC50 Daphnia 1	1.66 mg/l (EC50; 48 h)
LC50 fish 2	8.9 mg/l (LC50; 96 h)

<b>Terpinolene (586-62-9)</b>	
LC50 fish 1	0.805 mg/l (96 h; Danio rerio; GLP)
EC50 Daphnia 1	0.634 mg/l (48 h; Daphnia magna; GLP)
Threshold limit algae 1	0.692 mg/l (72 h; Pseudokirchneriella subcapitata; GLP)
Threshold limit algae 2	0.302 mg/l (72 h; Pseudokirchneriella subcapitata; GLP)

<b>d-Limonene (5989-27-5)</b>	
LC50 fish 1	720 µg/l (96 h; Pimephales promelas; Lethal)
EC50 Daphnia 1	0.36 mg/l (48 h; Daphnia magna; GLP)
LC50 fish 2	702 µg/l (96 h; Pimephales promelas)
Threshold limit algae 1	150 mg/l (72 h; Desmodesmus subspicatus; GLP)
Threshold limit algae 2	2.62 mg/l (72 h; Desmodesmus subspicatus)

### 12.2. Persistence and Degradability

<b>BBQ, WBS-BBQP</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>SANTALEX (3407-42-9)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>GUAICWOOD ACETATE (61789-17-1)</b>	
Persistence and degradability	Not established.
<b>CADE OIL RECTIFIED (8013-10-3)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>Benzyl benzoate (120-51-4)</b>	
Persistence and degradability	Readily biodegradable in water. Low potential for mobility in soil.

<b>alpha-Cedrene (469-61-4)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>CARYOPHYLLENE (87-44-5)</b>	
Persistence and degradability	Not established.
<b>1-methylnaphthalene (90-12-0)</b>	
Persistence and degradability	Not readily biodegradable in water. Forming sediments in water.
<b>1,2-dihydroxybenzene (120-80-9)</b>	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil.
Chemical oxygen demand (COD)	1.89 g O <sub>2</sub> /g substance
ThOD	1.89 g O <sub>2</sub> /g substance
<b>p-Cymene (99-87-6)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>Terpinolene (586-62-9)</b>	
Persistence and degradability	Readily biodegradable in water. Low potential for mobility in soil. May cause long-term adverse effects in the environment.
ThOD	3.2 g O <sub>2</sub> /g substance
<b>delta-3-Carene (13466-78-9)</b>	
Persistence and degradability	Biodegradability in water: no data available.
<b>alpha-Pinene (80-56-8)</b>	
Persistence and degradability	Not established.
<b>d-Limonene (5989-27-5)</b>	
Persistence and degradability	Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil. May cause long-term adverse effects in the environment.
ThOD	3.29 g O <sub>2</sub> /g substance
<b>l-beta-Bisabolene (495-61-4)</b>	
Persistence and degradability	Not established.
<b>GAMMA TERPINENE (99-85-4)</b>	
Persistence and degradability	Not established.
<b>Myrcene (123-35-3)</b>	
Persistence and degradability	Biodegradability in soil: no data available.
<b>p-Mentha-1,3-diene (99-86-5)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>Phellandrene (1329-99-3)</b>	
Persistence and degradability	Not established.
<b>beta-Phellandrene (555-10-2)</b>	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative Potential

<b>BBQ, WBS-BBQP</b>	
Bioaccumulative potential	Not established.
<b>SANTALEX (3407-42-9)</b>	
Bioaccumulative potential	Not established.
<b>GUAICWOOD ACETATE (61789-17-1)</b>	
Bioaccumulative potential	Not established.
<b>CADE OIL RECTIFIED (8013-10-3)</b>	
Bioaccumulative potential	Not established.
<b>Benzyl benzoate (120-51-4)</b>	
BCF fish 1	2286 (Pisces)
Log Pow	3.88 - 4

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Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>alpha-Cedrene (469-61-4)</b>	
Bioaccumulative potential	Not established.
<b>CARYOPHYLLENE (87-44-5)</b>	
Bioaccumulative potential	Not established.
<b>1-methylnaphthalene (90-12-0)</b>	
BCF fish 1	20 (BCF; 5 weeks)
BCF fish 2	113-2000,BCF; 1 - 2 weeks
Log Pow	3.87 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>1,2-dihydroxybenzene (120-80-9)</b>	
Log Pow	0.88
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>p-Cymene (99-87-6)</b>	
Bioaccumulative potential	Not established.
<b>Terpinolene (586-62-9)</b>	
BCF other aquatic organisms 1	818.4
Log Pow	4.29 (QSAR)
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000). Not established.
<b>delta-3-Carene (13466-78-9)</b>	
Log Pow	4.38 (Experimental value)
Bioaccumulative potential	Not bioaccumulative.
<b>alpha-Pinene (80-56-8)</b>	
Bioaccumulative potential	Not established.
<b>d-Limonene (5989-27-5)</b>	
BCF fish 1	864.8 - 1022 (Pisces; Fresh weight)
Log Pow	4.38 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 37 °C)
Bioaccumulative potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5). Not established.
<b>l-beta-Bisabolene (495-61-4)</b>	
Bioaccumulative potential	Not established.
<b>GAMMA TERPINENE (99-85-4)</b>	
Bioaccumulative potential	Not established.
<b>Myrcene (123-35-3)</b>	
Bioaccumulative potential	No bioaccumulation data available.
<b>p-Mentha-1,3-diene (99-86-5)</b>	
Bioaccumulative potential	Not established.
<b>Phellandrene (1329-99-3)</b>	
Bioaccumulative potential	Not established.
<b>beta-Phellandrene (555-10-2)</b>	
Bioaccumulative potential	Not established.

**12.4. Mobility in Soil**

<b>Benzyl benzoate (120-51-4)</b>	
Surface tension	0.027 N/m (210 °C)
<b>1-methylnaphthalene (90-12-0)</b>	
Log Koc	Koc,2300

### 12.5. Other Adverse Effects

Effects on the global warming : No known ecological damage caused by this product.  
 Other information : Avoid release to the environment.

## SECTION 13: Disposal Considerations

### 13.1. Waste Treatment Methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose in a safe manner in accordance with local/national regulation.  
 Ecology – waste materials : Avoid release to the environment.

## SECTION 14: Transport Information

### Department of Transportation (DOT) (Non-Bulk only)

In accordance with DOT  
 Not regulated for transport

### Additional Information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory Information

### 15.1. US Federal Regulations

<b>BBQ, WBS-BBQP</b>
Not listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>SANTALEX (3407-42-9)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>GUAICWOOD ACETATE (61789-17-1)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>CADE OIL RECTIFIED (8013-10-3)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Benzyl benzoate (120-51-4)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>alpha-Cedrene (469-61-4)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>CARYOPHYLLENE (87-44-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

<b>p-Cymene (99-87-6)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Terpinolene (586-62-9)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>delta-3-Carene (13466-78-9)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>alpha-Pinene (80-56-8)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>d-Limonene (5989-27-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>l-beta-Bisabolene (495-61-4)</b>
Not listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>GAMMA TERPINENE (99-85-4)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Myrcene (123-35-3)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>p-Mentha-1,3-diene (99-86-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Phellandrene (1329-99-3)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>beta-Phellandrene (555-10-2)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

## 15.2. International Regulations

### CANADA

No additional information available

### EU-Regulations

No additional information available

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

No additional information available

### National regulations

No additional information available

## 15.3. US State Regulations

<b>Myrcene (123-35-3)</b>				
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 significance risk level (NSRL)
Yes	No	No	No	

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**Terpinolene (586-62-9)**

U.S. - New Jersey - Right to Know Hazardous Substance List

**alpha-Pinene (80-56-8)**

U.S. - New Jersey - Right to Know Hazardous Substance List

**SECTION 16: Other Information**

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

Revision date : 8/16/2023

Other information : None.

Full test of H-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Acute 2	Hazardous to the aquatic environment — Acute Hazard, Category 2
Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Liq. 4	Flammable liquids, Category 4
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1B	Sensitisation — Skin, category 1B
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour
H227	Combustible liquid
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
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
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
H412	Harmful to aquatic life with long lasting effects

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HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible  
Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)  
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US Froggy's Fog LLC

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