



Cotton Candy

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
Revision Date: 08/16/2023

SECTION 1: Identification of the Substance/Mixture and of the Company

1.1. Product Identifier

Product Form : Mixture
Product Name : Cotton Candy - Water Based Scent Additive for Fog, Haze, Snow & Bubble Juice
Product Code : WBS-COTT

1.2. Intended Use of the Product

Use of the Substance/Mixture : Fragrance
Recommended Use : Fragrance

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
Not classified

2.2. GHS Label Elements, Including Precautionary Statements

GHS US labelling
No labelling applicable

2.3. Other hazards which do not Result in Classification

Other hazards which do not result in classification : None under normal conditions.

2.4. Unknown Acute Toxicity (GHS US)

No additional information available

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
Benzyl alcohol	CAS-No.: 100-51-6	1 – 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312
4H-Pyran-4-one, 2-ethyl-3-hydroxy-	CAS-No.: 4940-11-8	1 – 5	Acute Tox. 4 (Oral), H302
ETHYL VANILLIN	CAS-No.: 121-32-4	1 – 5	Acute Tox. 4 (Oral), H302
Vanillin	CAS-No.: 121-33-5	1 – 5	Acute Tox. 4 (Oral), H302

*Chemical name, CAS number and/or exact concentration 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 advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.
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. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Do NOT induce vomiting. Drink plenty of water. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: None under normal use.
Symptoms/effects after skin contact	: Contact during a long period may cause light irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Chronic symptoms	: None known.

4.3. Immediate Medical Attention and Special Treatment, if Necessary

Treat symptomatically.

SECTION 5: Firefighting Measures

5.1. Suitable (and Unsuitable) Extinguishing Media

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

5.2. Specific Hazards Arising from the Chemical

Explosion hazard	: Not explosive.
Hazardous decomposition products in case of fire	: Combustion produces carbon monoxide, carbon dioxide, smoke.

5.3. Special Protective Equipment and Precautions for Firefighters

Firefighting instructions	: Move containers from fire area if it can be done without risk.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General measures : Remove ignition sources.

6.1.1. For Non-Emergency Personnel

No additional information available

6.1.2. For Emergency Responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

6.2. Environmental Precautions

Avoid release to the environment.

6.3. Methods and Material for Containment and Cleaning Up

For containment : Collect spillage.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other Sections

No additional information available

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling

Additional hazards when processed : None known.

Precautions for safe handling : Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use personal protective equipment as required. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical measures : Comply with applicable regulations.

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

Incompatible products : Oxidizing agent.

Incompatible materials : Direct sunlight. Heat sources. Sources of ignition.

Maximum storage period : 2 year May darken with age

Storage area : Store away from heat. Store in a well-ventilated place.

Special rules on packaging : Keep only in original container.

Packaging materials : Do not store in corrodible metal.

SECTION 8: Exposure Controls/Personal Protection

8.1. Control Parameters

Cotton Candy, WBS-COTT	
No additional information available	
ETHYL VANILLIN (121-32-4)	
No additional information available	
Vanillin (121-33-5)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA	10 mg/m ³
4H-Pyran-4-one, 2-ethyl-3-hydroxy- (4940-11-8)	
No additional information available	
Benzyl alcohol (100-51-6)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA [ppm]	10 ppm
Benzyl benzoate (120-51-4)	
No additional information available	

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

Personal protective equipment:
Gloves. Safety glasses.
Materials for protective clothing:
Wear long sleeves and pants. Immediately remove contaminated clothing and launder before reuse.
Hand protection:
chemically resistant gloves
Eye protection:
Chemical goggles or safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
None generally required

Personal protective equipment symbol(s):



Thermal hazard protection:

Not necessary.

Other information:

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
Appearance	: Clear liquid.
Color	: Pale yellow to yellow
Odor	: Sweet vanilla
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	: > 93.33 °C Closed cup
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 1.02 +/- 0.02 Approx. 8.50 lbs./ gallon
Solubility	: insoluble in water.
Partition coefficient n-octanol/water (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	: Product is not explosive.
Oxidizing properties	: No data available

9.2. Other Information

No additional information available

SECTION 10: Stability and Reactivity

10.1. Reactivity

Product is not explosive.

10.2. Chemical Stability

Stable.

10.3. Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

10.4. Conditions to Avoid

Direct sunlight. Heat. No smoking. Open flame. Overheating. Sparks.

10.5. Incompatible Materials

Oxidizing agent.

10.6. Hazardous Decomposition Products

Thermal decomposition generates: carbon dioxide, carbon monoxide, smoke.

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

ETHYL VANILLIN (121-32-4)	
LD50 oral rat	1590 mg/kg
LD50 oral	3000 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	1590 mg/kg body weight
Vanillin (121-33-5)	
LD50 oral rat	1580 mg/kg
LD50 dermal rabbit	> 5010 mg/kg
ATE US (oral)	1580 mg/kg body weight
4H-Pyran-4-one, 2-ethyl-3-hydroxy- (4940-11-8)	
LD50 oral rat	1150 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
ATE US (oral)	1150 mg/kg body weight
Benzyl alcohol (100-51-6)	
LD50 oral rat	1230 mg/kg
LD50 dermal rabbit	2 g/kg
LC50 Inhalation - Rat	> 4178 mg/m ³ (Exposure time: 4 h)
ATE US (oral)	1230 mg/kg body weight
ATE US (dermal)	2000 mg/kg body weight

Benzyl benzoate (120-51-4)	
LD50 oral rat	500 mg/kg
LD50 dermal rabbit	4000 mg/kg
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Likely routes of exposure	: Skin and eye contact.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation	: None under normal use.
Symptoms/effects after skin contact	: Contact during a long period may cause slight irritation.
Symptoms/effects after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/effects after ingestion	: None under normal conditions.
Chronic symptoms	: None known.
Other information	: Likely routes of exposure: skin and eye.

SECTION 12: Ecological Information

12.1. Toxicity

ETHYL VANILLIN (121-32-4)	
LC50 - Fish [1]	81.4 – 94.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
Vanillin (121-33-5)	
LC50 - Fish [1]	57 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
NOEC (acute)	10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida [soil dry weight])
Benzyl alcohol (100-51-6)	
LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)
LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
Benzyl benzoate (120-51-4)	
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])

12.2. Persistence and Degradability

No additional information available

12.3. Bioaccumulative Potential

ETHYL VANILLIN (121-32-4)	
Partition coefficient n-octanol/water (Log Pow)	1.61 (at 25 °C)
Vanillin (121-33-5)	
Partition coefficient n-octanol/water (Log Pow)	1.23 (at 22 °C)
4H-Pyran-4-one, 2-ethyl-3-hydroxy- (4940-11-8)	
Partition coefficient n-octanol/water (Log Pow)	2.9 (at 25 °C)
Benzyl alcohol (100-51-6)	
Partition coefficient n-octanol/water (Log Pow)	1.05
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

No additional information available

SECTION 13: Disposal Considerations

13.1. Disposal Methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport Information

In accordance with DOT / TDG / IMDG / IATA

14.1. UN Number

Not regulated for transport

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport Hazard Class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

TDG

Transport hazard class(es) (TDG) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing Group

Packing group (DOT) : Not applicable

Packing group (TDG) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

14.5. Environmental Hazards

Other information : No supplementary information available.

14.6. Special Precautions for User

DOT

No data available

TDG

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory Information

15.1. US Federal Regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International Regulations

CANADA

ETHYL VANILLIN (121-32-4)
Listed on the Canadian DSL (Domestic Substances List)
Vanillin (121-33-5)
Listed on the Canadian DSL (Domestic Substances List)
4H-Pyran-4-one, 2-ethyl-3-hydroxy- (4940-11-8)
Listed on the Canadian DSL (Domestic Substances List)
Benzyl alcohol (100-51-6)
Listed on the Canadian DSL (Domestic Substances List)
Benzyl benzoate (120-51-4)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

ETHYL VANILLIN (121-32-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Vanillin (121-33-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
4H-Pyran-4-one, 2-ethyl-3-hydroxy- (4940-11-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Benzyl alcohol (100-51-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Benzyl benzoate (120-51-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

ETHYL VANILLIN (121-32-4)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed
on INSQ (Mexican National Inventory of Chemical Substances) Listed
on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Vanillin (121-33-5)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed
on INSQ (Mexican National Inventory of Chemical Substances) Listed
on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

4H-Pyran-4-one, 2-ethyl-3-hydroxy- (4940-11-8)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed
on INSQ (Mexican National Inventory of Chemical Substances) Listed
on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Benzyl alcohol (100-51-6)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed
on INSQ (Mexican National Inventory of Chemical Substances) Listed
on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

Benzyl benzoate (120-51-4)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed
on INSQ (Mexican National Inventory of Chemical Substances) Listed
on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)

15.3. US State Regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other Information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date : 8/16/2023

Full text of H-phrases	
H302	Harmful if swallowed
H312	Harmful in contact with skin

Hazard 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.
Personal protection : B - Safety glasses, Gloves

Safety Data Sheet (SDS), USA

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.