



Gasoline

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

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

Flammable liquids Category 3 H226 Flammable liquid and vapor
 Full text of H-statements: see section 16

2.2. GHS Label Elements, Including Precautionary Statements

GHS US labelling

Hazard pictograms (GHS US) : 

Signal word (GHS US) : Warning

Hazard statements (GHS US) : H226 - Flammable liquid and vapor

Precautionary statements (GHS US) :

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground/Bond container and receiving equipment.
- P241 - Use explosion-proof electrical, ventilating, lighting equipment.
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P280 - Wear Safety glasses/ goggles, chemically resistant gloves, protective clothing.
- P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P370+P378 - In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder, foam to extinguish.
- P403+P235 - Store in a well-ventilated place. Keep cool.
- P501 - Dispose of contents/container to an approved waste disposal plant.

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
Acetophenone	CAS-No.: 98-86-2	5 – 10	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302
Oils, garlic	CAS-No.: 8000-78-0	< 1	Flam. Liq. 3, H226 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

Gasoline, WBS-GASO	
No additional information available	
Acetophenone (98-86-2)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Acetophenone
ACGIH OEL TWA [ppm]	10 ppm
Remark (ACGIH)	URT irr; CNS impair; pregnancy loss
USA - AIHA - Occupational Exposure Limits	
WEEL TWA [ppm]	10 ppm
Oils, garlic (8000-78-0)	
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	: characteristic
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	: 60 °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

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Relative density	: 0.99 +/- 0.02 Approx. 8.25 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

Acetophenone (98-86-2)	
LD50 oral rat	900 mg/kg
LD50 dermal rat	3300 mg/kg
LC50 Inhalation - Rat	> 2.13 mg/l (Exposure time: 8 h)
ATE US (oral)	900 mg/kg body weight
ATE US (dermal)	3300 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.
Chronic symptoms	: None known.
Other information	: Likely routes of exposure: skin and eye.

SECTION 12: Ecological Information

12.1. Toxicity

Acetophenone (98-86-2)	
LC50 - Fish [1]	162 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	155 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

12.2. Persistence and Degradability

No additional information available

12.3. Bioaccumulative Potential

Acetophenone (98-86-2)	
Partition coefficient n-octanol/water (Log Pow)	1.63 – 1.65

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

DOT NA No : UN1993
UN-No. (TDG) : UN1993
UN-No. (IMDG) : 1993
UN-No. (IATA) : 1993

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Flammable liquids, n.o.s.
Proper Shipping Name (TDG) : FLAMMABLE LIQUID, N.O.S.
Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, N.O.S. ((Contains: p-Cymene))
Proper Shipping Name (IATA) : Flammable liquid, n.o.s.

14.3. Transport Hazard Class(es)

DOT

Transport hazard class(es) (DOT) : 3
Hazard labels (DOT) : 3



TDG

Transport hazard class(es) (TDG) : 3
Hazard labels (TDG) : 3



IMDG

Transport hazard class(es) (IMDG) : 3
Hazard labels (IMDG) : 3



IATA

Transport hazard class(es) (IATA) : 3
 Hazard labels (IATA) : 3



14.4. Packing Group

Packing group (DOT) : III
 Packing group (TDG) : III
 Packing group (IMDG) : III
 Packing group (IATA) : III

14.5. Environmental Hazards

Other information : No supplementary information available

14.6. Special Precautions for User

DOT
 UN-No.(DOT) : UN1993
 DOT Special Provisions (49 CFR 172.102) : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.
 B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.
 IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
 T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
 TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
 TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
 DOT Packaging Exceptions (49 CFR 173.xxx) : 150
 DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
 DOT Packaging Bulk (49 CFR 173.xxx) : 242

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L
 DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L
 DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

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TDG	
UN-No. (TDG)	: UN1993
TDG Special Provisions	: 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks). (2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name: (a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S; (b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S; (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S; (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S. (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment: (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or (b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS, 150 - An approved ERAP is required for the dangerous goods referred to in paragraph 7.2(1)(f) of Part 7 (Emergency Response Assistance Plan). SOR-2019-101
Explosive Limit and Limited Quantity Index	: 5 L
Excepted quantities (TDG)	: E1
Passenger Carrying Road Vehicle or Passenger Carrying:	60L
Railway Vehicle Index	
Emergency Response Guide (ERG) Number	: 128

IMDG	
Special provision (IMDG)	: 223, 274, 955
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG)	: A

IATA	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provision (IATA)	: A3
ERG code (IATA)	: 3L

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

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Acetophenone	CAS-No. 98-86-2	5 – 10%
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Acetophenone (98-86-2)

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ	5000 lb
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15.2. International Regulations

CANADA

Acetophenone (98-86-2)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Acetophenone (98-86-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Acetophenone (98-86-2)

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
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Full text of H-phrases	
H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed

Hazard Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability : 2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II IIIA)
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.