

# Safety Data Sheet

## OSHA 29 CFR 1910.1200

Printed Date: December 9, 2020

Version No.: 1.0

Revision: December 9, 2020

### 1 Identification

**·Product identifier**

·Trade name: AIR FRESHENER 12.5OZ GARDENIA

·SKU NO.: 50020

·UPC: 8 09022 50020 4

**·Recommended use of the chemical and restrictions on use**

·Application of the substance/ mixture: Fresh air.

**·Details of the supplier of the safety data sheet**

**·Manufacturer/Supplier:**

WESTERN FRAGRANT CORP

7 CORPORATE PARK # 245 IRVINE 92606

Tel: 626 359 1000

Email: KEANEZ@WESTERNFRAGRANT.COM

·Further information obtainable from: WESTERN FRAGRANT CORP

**·Emergency telephone number**

US Poison Center

Tel: + 1 800 222 1222 (24 hours available)

### 2 Hazard(s) identification

**·Classification of the substance or mixture:**

Flammable aerosols	Category 2	Flammable aerosol
Gases under pressure	Liquefied gas	Contains gas under pressure; may explode if heated
Sensitization-skin	Category 1	May cause an allergic skin reaction

**·Classification system:**

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

**·Label elements**

·Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

**·Hazard pictograms:**



·Signal word: Warning

·Hazard-determining components of labelling: Hexyl cinnamic aldehyde; Lilial; Geraniol; Geranyl acetate; Coumarin.

**·Hazard statements:**

Flammable aerosol.

Contains gas under pressure; may explode if heated.

May cause an allergic skin reaction.

**·Precautionary statement:**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

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Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Avoid breathing spray/aerosol.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves.

If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

Specific treatments see the first aid measures on this label.

Wash contaminated clothing before reuse.

Protect from sunlight. Store in a well-ventilated place.

Dispose of contents/container in accordance with local regulations.

**Hazards not otherwise classified (HNOC):** No known otherwise classified hazards.

### 3 Composition/information on ingredients

**Chemical characterization:** Mixture

**Description:** Mixture of the substances listed below with nonhazardous additions.

**Components:**

CAS No.	Composition Name	w/w, %
7732-18-5	Water	72-78
74-98-6	Propane	<23
106-97-8	Butane	
64-17-5	Alcohol	1.5
110-98-5	1,1'-oxydipropan-2-ol	0.08-0.3
78-70-6	Linalool	0.005-0.165
101-86-0	Hexyl cinnamic aldehyde	0.005-0.165
2050-08-0	Amyl salicylate	0.005-0.165
60-12-8	Phenylethyl alcohol	0.005-0.165
103-45-7	Phenethyl acetate	0.005-0.165
120-45-6	1-Phenylethyl propionate	0.005-0.165
98-55-5	Terpineol	0.005-0.165
80-54-6	Lilial	0.005-0.165
140-11-4	Benzyl acetate	0.005-0.165
93-92-5	Styralyl acetate	0.005-0.165
1222-05-5	Galaxolide	0.005-0.165
32388-55-9	Acetyl cedrene	0.005-0.165
66068-84-6	4-Hydroxy-1-(5-isocamphyl)cyclohexane	0.005-0.165
106-24-1	Geraniol	0.005-0.165
24851-98-7	Methyl dihydrojasmonate	0.005-0.165
105-87-3	Geranyl acetate	0.005-0.165
91-64-5	Coumarin	0.005-0.165

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120-57-0	Piperonal	0.005-0.165
1338-43-8	Sorbitan monooleate	0.1
532-32-1	Sodium benzoate	0.1

### 4 First aid measures

**·Description of first aid measures**

**After inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If feel unwell, get medical aid immediately.

**After skin contact:** Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

**After eye contact:** Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

**After swallowing:** Rinse mouth. If feel unwell, get medical aid immediately.

**·Information for doctor**

**·Most important symptoms and effects, both acute and delayed:** May cause an allergic skin reaction.

**·Indication of any immediate medical attention and special treatment needed:** Treat according to symptom, there is not known specific medicine.

### 5 Fire-fighting measures

**·Suitable extinguishing agents:** Use CO<sub>2</sub>, chemical powder, water spray or alcohol resistant foam to extinguish. Do not use water with full jet.

**·Special hazards arising from the substance or mixture:** May explode if heated.

**·Special protective equipment and precaution for firefighters**

**Protective equipment:** Wear fully protective suit and mouth respiratory protective device.

### 6 Accidental release measures

**·Personal precautions, protective equipment and emergency procedures:**

Cut off leakage source and collect spillage timely if safe do it; Ensure adequate ventilation; Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area); Wear personal protective equipment; Avoid breathing aerosols; Avoid release to the environment.

**·Environmental precautions:**

Do not allow the product to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewages system.

**·Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Ensure good ventilation; Dispose contaminated material as waster according to item 13.

### 7 Handling and storage

**·Handling**

**·Precautions for safe handling:**

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Read label before use; Smoking, eating and drinking should be prohibited; Use only in well ventilated areas; Do not spray on an open flame or other ignition source; Do not pierce or burn, even after use; Avoid all sources of ignition; Avoid breathing aerosols; Use respiratory protective device against the effects of aerosols; Avoid release to the environment.

**Information about fire and explosion protection:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking; Do not pierce or burn, even after use.

**Conditions for safe storage, including any incompatibilities**

**Requirements to be met by storerooms and receptacles:** Protect from sunlight. Do not expose to temperatures exceeding 50 ° C/122 ° F.

**Information about storage in one common storage facility:** Keep away from flammable substance.

**Further information about storage conditions:** Store in a well-ventilated place.

### 8 Exposure controls/personal protection

**Components with limit values that require monitoring at the workplace:**

CAS No.	Composition Name	Limit value
74-98-6	Propane	OSHA PEL: 1000 ppm (1800 mg/m <sup>3</sup> ) 8-hour TWA; NIOSH REL: 1000 ppm (1800 mg/m <sup>3</sup> ) Up to 10-hour TWA; Cal/OSHA PEL: 1000 ppm (1800 mg/m <sup>3</sup> ) 8-hour TWA
106-97-8	Butane	NIOSH REL: 800 ppm (1900 mg/m <sup>3</sup> ) Up to 10-hour TWA; ACGIH TLV: 1000 ppm 8-hour TWA; Cal/OSHA PEL: 800 ppm (1900 mg/m <sup>3</sup> ) 8-hour TWA
64-17-5	Alcohol	OSHA PEL: 1000 ppm (1900 mg/m <sup>3</sup> ) 8-hour TWA; NIOSH REL: 1000 ppm (1900 mg/m <sup>3</sup> ) Up to 10-hour TWA; ACGIH TLV: 1000 ppm STEL; Cal/OSHA PEL: 1000 ppm (1900 mg/m <sup>3</sup> ) 8-hour TWA

**Additional information:** The lists that were valid during the creation were used as basis.

**Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**

**Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face after handling; See section 7 for information about design of technical facilities.

**Personal protective equipment:**

**Breathing equipment:** Suitable respiratory protective device recommended.

**Protection of hands:**



**Protective gloves**

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

**Eye protection:**



**Protective goggles with side-shields.**

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### 9 Physical and chemical properties

#### ·Information on basic physical and chemical properties

#### ·Appearance:

<b>Form</b>	Aerosol
<b>Color</b>	Colorless
<b>Odor</b>	GARDENIA
<b>Odor threshold</b>	Not determined.
<b>pH-value</b>	Not determined.
<b>·Change in condition</b>	
<b>Melting point/melting range</b>	Not determined.
<b>Boiling point and boiling range</b>	Not determined.
<b>·Freezing point</b>	Not determined.
<b>·Flash point</b>	Not determined.
<b>·Flammability(solid, gas)</b>	Flammable gas.
<b>·Decomposition temperature</b>	Not determined.
<b>·Self-ignition</b>	Product is not self-ignition.
<b>·Danger of explosion</b>	May burst if heated.
<b>·Explosion limits</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>·Oxidizing properties</b>	Not oxidizing agent
<b>·Vapor pressure</b>	Not determined.
<b>·Density</b>	Not determined.
<b>·Relative density</b>	Not determined.
<b>·Vapor density</b>	Not determined.
<b>·Evaporation rate</b>	Not determined.
<b>·Solubility in/Miscibility with</b>	
<b>Water</b>	Soluble in water.
<b>·Partition coefficient (n-octanol/water)</b>	Not determined.
<b>·Viscosity</b>	
<b>Dynamic</b>	Not determined.
<b>Kinematic</b>	Not determined.
<b>·Other information</b>	Not determined.

### 10 Stability and reactivity

- Reactivity:** No decomposition if used according to specification.
- Chemical stability:** Stable under recommended storage conditions.
- Possibility of hazardous reactions:** No known hazardous reaction.

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- Conditions to avoid:** High temperature above 50 °C and ignition source.
- Incompatible materials:** Strong acid, strong oxidizing agent and flammable substance.
- Hazardous decomposition products:** No known hazardous decomposition products.

### 11 Toxicological information

·**Acute toxicity:** Not acute toxicity mixture.

**LD50/LC50 values that is relevant for classification:**

106-97-8 Butane

Rat	LC50-inhalation	658000mg/m <sup>3</sup> /4H
Mouse	LC50-inhalation	680000mg/m <sup>3</sup> /2H

64-17-5 Alcohol

Rat	LD50-oral	7060 mg/kg
	LC50-inhalation	20000ppm/10H
Rabbit	LD50-oral	6300 mg/kg
Mouse	LD50-oral	3450 mg/kg
	LC50-inhalation	39000ppm/4H

91-64-5 Coumarin

Rat	LD50-oral	293mg/kg
Mouse	LD50-oral	196mg/kg

532-32-1 Sodium benzoate

Rat	LD50-oral	4070mg/kg
Mouse	LD50-oral	1600mg/kg
Rabbit	LD50-skin	2000mg/kg

Remark: All the above data are from literature.

- Primary irritant effect**
- Skin corrosion/irritation:** Not irritant to skin.
- Serious eyes damage/ irritation:** Not irritant to eyes.
- Sensitization:** Sensitive to skin.

**Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations: Allergic.

·**Carcinogenic categories**

·**IARC (International Agency for Research on Cancer):**

64-17-5	Alcohol	1
91-64-5	Coumarin	3

·**NTP (National Toxicology Program):** None of the ingredients is listed.

### 12 Ecological information

- Toxicity**
- Aquatic toxicity:** Harmful to aquatic life with long lasting effects.

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**LC50/EC50/NOEC values that is relevant for classification:**

## 74-98-6 Propane

Short-term toxicity to fish LC50 (4 days) 24.11 - 147.54 mg/L

Short-term toxicity to aquatic invertebrates LC50 (48 h) 14.22 - 69.43 mg/L

Toxicity to aquatic algae and cyanobacteria EC50 (4 days) 7.71 - 19.37 mg/L

## 106-97-8 Butane

Short-term toxicity to fish LC50 (4 days) 24.11 - 147.54 mg/L

Short-term toxicity to aquatic invertebrates LC50 (48 h) 14.22 - 69.43 mg/L

Toxicity to aquatic algae and cyanobacteria EC50 (4 days) 7.71 - 19.37 mg/L

## 64-17-5 Alcohol

Short-term toxicity to fish LC50 (4 days) 14.2 - 15.4 g/L

EC50 (4 days) 12.7 - 12.9 g/L

Long-term toxicity to fish NOEC (5 days) 250 - 1 000 mg/L

Short-term toxicity to aquatic invertebrates EC50 (48 h) 10 g/L

LC50 (48 h) 5.012 g/L

Long-term toxicity to aquatic invertebrates NOEC (10 days) 2 - 9.6 mg/L

LC50 (10 days) 1.806 g/L

LC50 (48 h) 9.248 g/L

Toxicity to aquatic algae and cyanobacteria EC50 (4 days) 675 - 22 000 mg/L

Toxicity to aquatic plants other than algae EC50 (7 days) 4.432 - 5.967 g/L

## 532-32-1 Sodium benzoate

Short-term toxicity to fish LC50 (4 days) 484 mg/L

NOEC (4 days) 392.5 mg/L

Long-term toxicity to fish NOEC (6 days) 10 mg/L

LC50 (24 h) 1.4 - 1.5 g/L

Short-term toxicity to aquatic invertebrates LC50 (4 days) 100 mg/L

Toxicity to aquatic algae and cyanobacteria EC50 (72 h) 30.5 mg/L

NOEC (72 h) 90 µg/L

Toxicity to microorganisms NOEC (7 days) 100 mg/L

**•Persistence and degradability:** Readily biodegradable.

74-98-6	Propane	Dissipation half life=5.222 years(in air); Readily biodegradable(in water)
106-97-8	Butane	Dissipation half life=5.222 years(in air); Readily biodegradable(in water)
64-17-5	Alcohol	BOD <sub>5</sub> =1.067-1.236 g O <sub>2</sub> /g; COD=1.99 g O <sub>2</sub> /g;Readily biodegradable in water
532-32-1	Sodium benzoate	Readily biodegradable in water

**•Bio-accumulative potential:** Low bio-accumulation.

74-98-6	Propane	Log Pow = 2.36 at 20 °C
106-97-8	Butane	Log Pow = 2.89 at 20 °C
64-17-5	Alcohol	Log Pow = -0.77 - -0.3 at 24 - 25 °C
532-32-1	Sodium benzoate	Log Pow = 1.88

**•Mobility in soil:** High mobility in soil.

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·Additional ecological information

·Other adverse effects: No known other adverse effects.

### 13 Disposal consideration


·Waste treatment methods

·Recommendation: Must not be disposed together with household garbage.

·Un-cleaned packaging

·Recommendation: Dispose of contents/container in according to the local regulation.

### 14 Transport information

·UN-Number DOT, IATA, IMO	UN1950
·UN proper shipping name	
DOT, IATA IMO	Aerosols, flammable Aerosols
·Transport hazard class (es)	
DOT, IATA  Class Label IMO Class Label	 2 Flammable, gas 2.1 2 Aerosols 2.1
·Packing group	
DOT, IMDG, IATA	Void
·Environmental hazardous Marine pollution	No
·Special precautions for user ·Danger code (Kemler) ·EMS number	Warning: Flammable, gas 23 F-D, S-U
·Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
·UN "Model Regulation"	UN1950, Aerosols, flammable, 2.1

### 15 Regulatory information

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

·Sara



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·Section 355 (extremely hazardous substances): None of the ingredients is listed.

·Section 313 (Specific toxic chemical listings): None of the ingredients is listed.

**·TSCA (Toxic Substances Control Act):**

7732-18-5	Water
74-98-6	Propane
106-97-8	Butane
64-17-5	Alcohol
110-98-5	1,1'-oxydipropan-2-ol
78-70-6	Linalool
101-86-0	Hexyl cinnamic aldehyde
2050-08-0	Amyl salicylate
60-12-8	Phenylethyl alcohol
103-45-7	Phenethyl acetate
120-45-6	1-Phenylethyl propionate
98-55-5	Terpineol
80-54-6	Lilial
140-11-4	Benzyl acetate
93-92-5	Styralyl acetate
1222-05-5	Galaxolide
32388-55-9	Acetyl cedrene
66068-84-6	4-Hydroxy-1-(5-isocamphyl)cyclohexane
106-24-1	Geraniol
24851-98-7	Methyl dihydrojasmonate
105-87-3	Geranyl acetate
91-64-5	Coumarin
120-57-0	Piperonal
1338-43-8	Sorbitan monooleate
532-32-1	Sodium benzoate

**·Proposition 65**

·Chemicals known to cause cancer: None of the ingredients is listed.

·Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

·Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

·Chemicals known to cause developmental toxicity: None of the ingredients is listed.

·Washington, WAC 173-334-130 (CHCC): None of the ingredients is listed.

·Chemicals of Concern, published by Maine DEP on July, 2015: None of the ingredients is listed.

·Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014: None of the ingredients is listed.

·High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016: None of the ingredients is listed.

**·Carcinogenicity categories**

·EPA (Environmental Protection Agency): None of the ingredients is listed.

·TLV (Threshold Limit Value established by ACGIH):

64-17-5	Alcohol	A4
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·NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.

·OSHA-Ca (Occupational Safety &amp; Health Administration): None of the ingredients is listed.

### 16 Other information

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

#### DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

\*\*\*\*\*

#### ·Abbreviations and acronyms:

**DOT:** Department of Transportation

**IMDG:** International Maritime Code for Dangerous Goods.

**IATA:** International Air Transport Association

**LD50:** Lethal dose, 50 percent

**LC50:** Lethal concentration, 50 percent

**EC50:** Concentration of maximal effect, 50 percent

**NOEC:** No observed effect concentration

**BOD<sub>5</sub>:** Five days biochemical oxygen demand

**COD:** Chemical oxygen demand

**PEL:** Permissible Exposure Limit

**TLV:** Threshold limit value

**REL:** Recommended Exposure Limit

\*\*\*\*\*

End of safety data sheet