

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : SensaMist Bamboo Garden 32oz
 CAS-No. : MIXTURE
 Product code : SM-32-BAMBOO

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Vectair Systems Inc.
 2095 Spicer Cove, Covington Way Distribution Centre, Memphis, TN 38134, USA
 Product development: info@vectairsystems.com
 Vectair Systems Inc +1 901 373 7818 (during normal office hours)

1.4. Emergency telephone number

Emergency number : INFOTRAC (US & Canada) 1-800-535-5053 | (International) 1-352-323-3500

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

| | | |
|---|------|-------------------------------------|
| Skin corrosion/irritation Category 2 | H315 | Causes skin irritation |
| Skin sensitization, Category 1 | H317 | May cause an allergic skin reaction |

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) : Warning

Hazard statements (GHS US) : H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction

Precautionary statements (GHS US) : P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 - Wash hands, forearms and face thoroughly after handling.
 P272 - Contaminated work clothing must not be allowed out of the workplace.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 - If on skin: Wash with plenty of water.
 P321 - Specific treatment (see supplemental first aid instruction on this label).
 P332+P313 - If skin irritation occurs: Get medical advice/attention.
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364 - Take off contaminated clothing and wash it before reuse.
 P363 - Wash contaminated clothing before reuse.
 P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

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SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|--|----------------------|--------|--|
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone | (CAS-No.) 54464-57-2 | 5 – 10 | Skin Irrit. 2, H315 Skin Sens. 1B, H317 |
| HEXYL CINNAMAL | (CAS-No.) 101-86-0 | 1 – 5 | Skin Sens. 1B, H317 |
| BENZYL SALICYLATE | (CAS-No.) 118-58-1 | 1 – 5 | Eye Irrit. 2B, H320 Skin Sens. 1B, H317 |
| LINALOOL | (CAS-No.) 78-70-6 | 1 – 5 | Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 |
| PHENYL ETHYL ALCOHOL | (CAS-No.) 60-12-8 | 1 – 5 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2A, H319 |

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 you feel unwell, seek medical advice.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

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

- Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
- Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
- Symptoms/effects after eye contact : None under normal conditions.
- Symptoms/effects after ingestion : None under normal conditions.

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.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

- Fire hazard : No fire hazard.
- Explosion hazard : No direct explosion hazard.

5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
- 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

- General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

6.1.1. For non-emergency personnel

- Protective equipment : Wear recommended personal protective equipment.

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Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/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".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.

Methods for cleaning up : Take up liquid spill into absorbent material.

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

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/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 : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

Packaging materials : Store always product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

TIMBERSILK (54464-57-2)

Not applicable

Linalool (78-70-6)

Not applicable

PHENYL ETHYL ALCOHOL (60-12-8)

Not applicable

HEXYL CINNAMIC ALDEHYDE (101-86-0)

Not applicable

BENZYL SALICYLATE (118-58-1)

Not applicable

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:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves

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Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Color | : No data available |
| Odor | : No data available |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : > 100 °C |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability | : Not applicable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| 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

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

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

| TIMBERSILK (54464-57-2) | |
|--------------------------------|--------------------------|
| LD50 oral rat | ≥ 5000 mg/kg body weight |
| LD50 dermal rat | ≥ 5000 mg/kg body weight |
| ATE US (oral) | 5000 mg/kg body weight |
| ATE US (dermal) | 5000 mg/kg body weight |

| Linalool (78-70-6) | |
|---------------------------|---|
| LD50 oral rat | 2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | 5610 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s)) |
| ATE US (oral) | 2790 mg/kg body weight |
| ATE US (dermal) | 5610 mg/kg body weight |

| PHENYL ETHYL ALCOHOL (60-12-8) | |
|---------------------------------------|-----------------------------------|
| LD50 oral rat | > 1790 mg/kg (Rat, Oral) |
| LD50 dermal rabbit | > 808 mg/kg (Rabbit, Dermal) |
| LC50 Inhalation - Rat | > 1.4 mg/l (4 h, Rat, Inhalation) |
| ATE US (oral) | 1610 mg/kg body weight |
| ATE US (dermal) | 300 mg/kg body weight |
| ATE US (dust, mist) | 1.5 mg/l/4h |

| HEXYL CINNAMIC ALDEHYDE (101-86-0) | |
|---|------------------------|
| ATE US (oral) | 3100 mg/kg body weight |

| BENZYL SALICYLATE (118-58-1) | |
|-------------------------------------|--|
| LD50 oral rat | 3031 – 3339 mg/kg body weight (EU Method B.1: Acute Toxicity (Oral), Rat, Male/female, Read-across, Oral, 14 day(s)) |
| LD50 dermal rabbit | > 2000 mg/kg body weight (EU Method B.3: Acute toxicity (dermal), 24 h, Rabbit, Male/female, Read-across, Dermal, 14 day(s)) |
| ATE US (oral) | 2200 mg/kg body weight |

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified
STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

| Linalool (78-70-6) | |
|-----------------------------------|---|
| NOAEL (dermal,rat/rabbit,90 days) | 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study) |

Aspiration hazard : Not classified
Viscosity, kinematic : No data available

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| | |
|-------------------------------------|---|
| Symptoms/effects after inhalation | : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard. |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : None under normal conditions. |
| Symptoms/effects after ingestion | : None under normal conditions. |

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.

| TIMBERSILK (54464-57-2) | |
|---------------------------------------|---|
| LC50 - Fish [1] | ≈ 1.3 mg/l Bluegill Sunfish |
| EC50 - Crustacea [1] | ≈ 1.38 mg/l Water Flea |
| ErC50 algae | ≈ 2.6 mg/l Green Algae |
| Linalool (78-70-6) | |
| LC50 - Fish [1] | 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP) |
| EC50 - Crustacea [1] | 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) |
| ErC50 algae | 156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration) |
| PHENYL ETHYL ALCOHOL (60-12-8) | |
| LC50 - Fish [1] | 220 – 260 mg/l (96 h, Leuciscus idus) |
| EC50 - Crustacea [1] | 287.17 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna) |
| BENZYL SALICYLATE (118-58-1) | |
| LC50 - Fish [1] | 1.03 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP) |
| EC50 - Crustacea [1] | 1.16 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) |

12.2. Persistence and degradability

| Linalool (78-70-6) | |
|---------------------------------------|--|
| Persistence and degradability | Readily biodegradable in water. |
| PHENYL ETHYL ALCOHOL (60-12-8) | |
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.45 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 2.5 g O ₂ /g substance |
| ThOD | 2.6 g O ₂ /g substance |
| BOD (% of ThOD) | 0.558 |
| BENZYL SALICYLATE (118-58-1) | |
| Persistence and degradability | Readily biodegradable in water. |

12.3. Bioaccumulative potential

| Linalool (78-70-6) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |
| PHENYL ETHYL ALCOHOL (60-12-8) | |
| Partition coefficient n-octanol/water (Log Pow) | 1.38 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |
| BENZYL SALICYLATE (118-58-1) | |
| BCF - Fish [1] | 1170 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Danio rerio, Flow-through system, Fresh water, Read-across, GLP) |
| Partition coefficient n-octanol/water (Log Pow) | 4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method) |

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BENZYL SALICYLATE (118-58-1)

| | |
|---------------------------|--|
| Bioaccumulative potential | Potential for bioaccumulation ($500 \leq \text{BCF} \leq 5000$). |
|---------------------------|--|

12.4. Mobility in soil

Linalool (78-70-6)

| | |
|-----------------|--|
| Surface tension | 8.3 mN/m (20 °C, ISO 9101: Surface active agents - Determination of interfacial tension) |
| Ecology - soil | No (test)data on mobility of the substance available. |

BENZYL SALICYLATE (118-58-1)

| | |
|--|---|
| Surface tension | 69 mN/m (20 °C, 0.004 g/l, EU Method A.5: Surface tension) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.75 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value) |
| Ecology - soil | Low potential for mobility in soil. |

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

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.

| | | |
|---|-------------------|--------|
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran | CAS-No. 1222-05-5 | 1 – 5% |
| Farnesene | CAS-No. 502-61-4 | < 0.5% |

SECTION 16: Other information

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Full text of H-phrases:

| | |
|------|-------------------------------------|
| H227 | Combustible liquid |
| H302 | Harmful if swallowed |
| H311 | Toxic in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H332 | Harmful if inhaled |

SDS US

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.