

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 07/25/2018

Reviewed on 07/20/2018

**1 Identification**

- **Product identifier**
- **Trade name:** WEE-SCREEN - CITRUS MANGO
- **Article number:** VA-18-112
- **Application of the substance / the mixture** Air Freshener
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Vectair Systems Inc.  
PO Box 11068  
Memphis, TN 38134 United States  
  
info@vectairsystems.com
- **Information department:** Product safety department.
- **Emergency telephone number:** During normal business hours: +1-877-697-7276

**2 Hazard(s) identification**

- **Classification of the substance or mixture**



Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



- **Signal word** Warning
- **Hazard-determining components of labeling:**  
Citral  
Eucalyptus Oil (Eucalyptus Globulus Labille)  
(R)-p-mentha-1,8-diene  
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde  
alpha,alpha-Dimethylphenethyl butyrate  
Citrus limon (L.) Burm. F.  
Geraniol  
dl-Citronellol  
Benzyl salicylate  
2-Methyl-3-(p-isopropylphenyl)propionaldehyde
- **Hazard statements**  
May cause an allergic skin reaction.
- **Precautionary statements**  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves.  
If on skin: Wash with plenty of water.

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If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 1

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

HEALTH	0
FIRE	1
REACTIVITY	0

Health = 0

Fire = 1

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

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

· **Dangerous components:**

64742-47-8	Hydrocarbons, C-11-13, Isoalkanes, Cyclics, <2% aromatics	≥2.5-<10%
5392-40-5	Citral	≥2.5-<10%
119-36-8	methyl salicylate	≥0.1-≤2.5%
8000-48-4	Eucalyptus Oil (Eucalyptus Globulus Labille)	≥1-≤2.5%
80-56-8	alpha-Pinene	≥0.1-≤2.5%
127-91-3	beta-Pinene	≥0.1-≤2.5%
5989-27-5	(R)-p-mentha-1,8-diene	≥0.1-<1%
68039-49-6	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	≥0.1-<1%
10094-34-5	alpha,alpha-Dimethylphenethyl butyrate	≥0.1-<1%
68917-33-9	Citrus limon (L.) Burm. F.	≥0.1-<1%
106-24-1	Geraniol	≥0.1-<1%
106-22-9	dl-Citronellol	≥0.1-<1%
118-58-1	Benzyl salicylate	≥0.1-<1%
103-95-7	2-Methyl-3-(p-isopropylphenyl)propionaldehyde	≥0.1-<1%
106-23-0	Citronellal	≥0.1-<1%
43052-87-5	alpha-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one	≥0.1-<1%
8008-57-9	citrus limon l. burm. f. peel oil	≥0.1-<1%

### 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water.

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- **After swallowing:** *If symptoms persist consult doctor.*
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **Indication of any immediate medical attention and special treatment needed**  
*No further relevant information available.*

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** *Use fire fighting measures that suit the environment.*
- **Special hazards arising from the substance or mixture** *No further relevant information available.*
- **Advice for firefighters**
- **Protective equipment:** *No special measures required.*

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** *Not required.*
- **Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*
- **Methods and material for containment and cleaning up:**  
*Dispose contaminated material as waste according to item 13.*  
*Ensure adequate ventilation.*
- **Reference to other sections**  
*See Section 7 for information on safe handling.*  
*See Section 8 for information on personal protection equipment.*  
*See Section 13 for disposal information.*
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

24937-78-8	Ethyl vinyl acetate copolymer	30 mg/m <sup>3</sup>
112-31-2	decanal	1.8 ppm
119-36-8	methyl salicylate	2.3 ppm
5989-27-5	(R)-p-mentha-1,8-diene	15 ppm

· **PAC-2:**

24937-78-8	Ethyl vinyl acetate copolymer	330 mg/m <sup>3</sup>
112-31-2	decanal	19 ppm
119-36-8	methyl salicylate	25 ppm
5989-27-5	(R)-p-mentha-1,8-diene	67 ppm

· **PAC-3:**

24937-78-8	Ethyl vinyl acetate copolymer	2,000 mg/m <sup>3</sup>
112-31-2	decanal	120 ppm
119-36-8	methyl salicylate	150 ppm
5989-27-5	(R)-p-mentha-1,8-diene	170 ppm

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** *Ensure good ventilation/exhaustion at the workplace.*
- **Information about protection against explosions and fires:** *No special measures required.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*

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- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.

### 5392-40-5 Citral

TLV	Long-term value: 32* mg/m <sup>3</sup> , 5* ppm Skin; DSEN; *inhalable fraction + vapor
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### 80-56-8 alpha-Pinene

TLV	Long-term value: 112 mg/m <sup>3</sup> , 20 ppm DSEN
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### 127-91-3 beta-Pinene

TLV	Long-term value: 112 mg/m <sup>3</sup> , 20 ppm DSEN
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- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.
- **Breathing equipment:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

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## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Solid
Color:	Yellow
Odor:	Characteristic
Odor threshold:	Not determined.

- **pH-value:** Not applicable.

- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	>100 °C (>212 °F)

- **Flash point:** >100 °C (>212 °F)

- **Flammability (solid, gaseous):** Not determined.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

- **Vapor pressure:** Not applicable.

- **Density at 20 °C (68 °F):** >1 g/cm<sup>3</sup> (>8.345 lbs/gal)

- **Relative density** Not determined.

- **Vapor density** Not applicable.

- **Evaporation rate** Not applicable.

- **Solubility in / Miscibility with**

- Water: Insoluble.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic:	Not applicable.
Kinematic:	Not applicable.

- **Solvent content:**

Organic solvents:	6.0 %
VOC content:	2.20 %
	Exempt Fragrance and no other VOCs

- Solids content: 100.0 %

- **Other information** No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

- **Possibility of hazardous reactions** No dangerous reactions known.

- **Conditions to avoid** No further relevant information available.

- **Incompatible materials:** No further relevant information available.

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· **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

· **Information on toxicological effects**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****64742-47-8 Hydrocarbons, C-11-13, Isoalkanes, Cyclics, <2% aromatics**

Oral LD50 &gt;5,000 mg/kg (rat)

Dermal LD50 &gt;5,000 mg/kg (rabbit)

Inhalative LC50/4 h &gt;5,000 mg/l (rat)

**5392-40-5 Citral**

Oral LD50 4,960 mg/kg (rat)

**119-36-8 methyl salicylate**

Oral LD50 887 mg/kg (rat)

**8000-48-4 Eucalyptus Oil (Eucalyptus Globulus Labille)**

Oral LD50 2,480 mg/kg (rat)

Dermal LD50 2,480 mg/kg (rabbit)

**5989-27-5 (R)-p-mentha-1,8-diene**

Oral LD50 4,400 mg/kg (rat)

**68039-49-6 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde**

Oral LD50 3,900 mg/kg (rat)

Dermal LD50 &gt;5,000 mg/kg (rabbit)

**10094-34-5 alpha,alpha-Dimethylphenethyl butyrate**

Oral LD50 &gt;5,000 mg/kg (rat)

Dermal LD50 &gt;5,000 mg/kg (rabbit)

**106-22-9 dl-Citronellol**

Oral LD50 3,450 mg/kg (rat)

Dermal LD50 2,650 mg/kg (rabbit)

**106-23-0 Citronellal**

Oral LD50 2,420 mg/kg (rat)

Dermal LD50 &gt;2,500 mg/kg (rabbit)

**8008-57-9 citrus limon l. burm. f. peel oil**

Oral LD50 &gt;5,000 mg/kg (rat)

Dermal LD50 &gt;5,000 mg/kg (rabbit)

· **Primary irritant effect:**· **on the skin:** No irritant effect.· **on the eye:** No irritating effect.· **Sensitization:** Sensitization possible through skin contact.· **Additional toxicological information:**

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

Irritant

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

5989-27-5 (R)-p-mentha-1,8-diene

3

128-37-0 Butylated hydroxytoluene

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· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
  - Water hazard class 2 (Self-assessment): hazardous for water
  - Do not allow product to reach ground water, water course or sewage system.
  - Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Waste Disposal Recommendations:** Dispose in a safe manner in accordance with local/national regulations.

## 14 Transport information

- |  |                        |
|--|------------------------|
| · <b>UN-Number</b>   |                        |
| · <b>DOT, ADN, IMDG, IATA</b>  | <i>not regulated</i>   |
| · <b>UN proper shipping name</b>   |                        |
| · <b>DOT, ADN, IMDG, IATA</b>  | <i>not regulated</i>   |
| · <b>Transport hazard class(es)</b>  |                        |
| · <b>DOT, ADN, IMDG, IATA</b>  |                        |
| · <b>Class</b>   | <i>not regulated</i>   |
| · <b>Packing group</b>   |                        |
| · <b>DOT, IMDG, IATA</b>   | <i>not regulated</i>   |
| · <b>Environmental hazards:</b>  | <i>Not applicable.</i> |
| · <b>Special precautions for user</b>  | <i>Not applicable.</i> |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | <i>Not applicable.</i> |
| · <b>UN "Model Regulation":</b>  | <i>not regulated</i>   |

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## 15 Regulatory information

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

· <b>Section 355 (extremely hazardous substances):</b>
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None of the ingredients is listed.
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· <b>Section 313 (Specific toxic chemical listings):</b>
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None of the ingredients is listed.
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· <b>TSCA (Toxic Substances Control Act):</b>
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All ingredients are listed.
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· <b>Proposition 65</b>
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· <b>Chemicals known to cause cancer:</b>
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None of the ingredients is listed.
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· <b>Chemicals known to cause reproductive toxicity for females:</b>
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None of the ingredients is listed.
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· <b>Chemicals known to cause reproductive toxicity for males:</b>
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None of the ingredients is listed.
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· <b>Chemicals known to cause developmental toxicity:</b>
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None of the ingredients is listed.
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· <b>Carcinogenic categories</b>
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· <b>EPA (Environmental Protection Agency)</b>
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None of the ingredients is listed.
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· <b>TLV (Threshold Limit Value established by ACGIH)</b>
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80-56-8	alpha-Pinene	A4
127-91-3	beta-Pinene	A4
76-22-2	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	A4
128-37-0	Butylated hydroxytoluene	A4

· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>
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None of the ingredients is listed.
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· <b>GHS label elements</b>
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The product is classified and labeled according to the Globally Harmonized System (GHS).
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· <b>Hazard pictograms</b>
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GHS07

· <b>Signal word</b> Warning
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· <b>Hazard-determining components of labeling:</b>
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Cital

Eucalyptus Oil (Eucalyptus Globulus Labille)

(R)-p-mentha-1,8-diene

2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde

alpha,alpha-Dimethylphenethyl butyrate

Citrus limon (L.) Burm. F.

Geraniol

dl-Citronellol

Benzyl salicylate

2-Methyl-3-(p-isopropylphenyl)propionaldehyde

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- **Hazard statements**

*May cause an allergic skin reaction.*

- **Precautionary statements**

*Avoid breathing dust/fume/gas/mist/vapors/spray*

*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 treatment (see on this label).*

*Wash contaminated clothing before reuse.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Department issuing SDS:** Product safety department.

- **Date of preparation / last revision** 07/25/2018 / -

- **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*NFPA: National Fire Protection Association (USA)*

*HMS: Hazardous Materials Identification System (USA)*

*VOC: Volatile Organic Compounds (USA, EU)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*NIOSH: National Institute for Occupational Safety*

*OSHA: Occupational Safety & Health*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommended Exposure Limit*

*Skin Sens. 1: Skin sensitisation – Category 1*