

**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:** WEE-SCRN CITRUS· **Application of the substance / the mixture** Air Freshener· **Details of the supplier of the safety data sheet**· **Manufacturer/Supplier:**

Vectair Systems Inc.

2095 Spicer Cove, Covington Way Distribution Center,

Memphis, TN 38134 United States

info@vectairsystems.com

· **Information department:** +1 901 373 7818 (during normal office hours)· **Emergency telephone number:** INFOTRAC +1 800 535 5053 (International) +1-352-323-3500**2 Hazard(s) identification**· **Classification of the substance or mixture**

GHS07

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**

GHS07

· **Signal word** Warning· **Hazard-determining components of labeling:**

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

· **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: &gt;100 °C (&gt;212 °F)

· Flash point: &gt;100 °C (&gt;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

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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

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

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### 15 Regulatory information

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

#### · 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):

All ingredients are listed.

#### · 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.

#### · Carcinogenic categories

##### · EPA (Environmental Protection Agency)

None of the ingredients is listed.

##### · TLV (Threshold Limit Value established by ACGIH)

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

##### · NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

#### · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

#### · Hazard pictograms



GHS07

#### · Signal word Warning

#### · Hazard-determining components of labeling:

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)

HMIS: 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