

# SAFETY DATA SHEET Wee-Screen Citrus Mango [US Variant]

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

### 1. Identification

**Product identifier** 

Product name Wee-Screen Citrus Mango [US Variant]
Product number W-SCRN CITRUS US, VTSWSCRNCIT

Internal identification VA-21-131-US-D

Recommended use of the chemical and restrictions on use

**Application** Urinal Screen

**Uses advised against** Use only for intended applications.

Details of the supplier of the safety data sheet

**Supplier** Vectair Systems Inc.

2095 Spicer Cove, Covington Way Distribution Centre, Memphis, TN 38134, USA

+1 901 373 7818

info@vectairsystems.com

Contact Person Product development

**Emergency telephone number** 

Emergency telephone Vectair Systems Inc +1 901 373 7818 (during normal office hours)

National emergency telephone INFOTRAC +1 800 535 5053 INTERNATIONAL +1 352 323 3500

number

# 2. Hazard(s) identification

## Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317

Classification in accordance with Directive 1907/2006/EEC

Label elements

Hazard symbols



Signal word Warning

Hazard statements H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

# Wee-Screen Citrus Mango [US Variant]

**Precautionary statements** P280 Wear protective gloves.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.

Contains Pin-2(10)-ene, Alpha-Pinenes, citral, Eucalyptus Oil (Eucalyptus Globulus Labille), Citrus

limon (L.) Burm. F., Pine oil, 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde, Geraniol, Benzyl

salicylate, Citrus limon I. burm. f. peel oil

### Other hazards

This product does not contain any substances classified as PBT or vPvB.

# 3. Composition/information on ingredients

## **Mixtures**

but-3-enoic acide, ethene	60-100%

CAS number: 24937-78-8

	methyl salicylate	1-5%
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CAS number: 119-36-8

Alpha-Pinenes	1-5%
0.40	

CAS number: 80-56-8

Pin-2(10)-ene	1-5%	
0.00   1.07.04.0		ĺ

CAS number: 127-91-3

dipropylene glycol methyl ether acetate	1-5%

CAS number: 88917-22-0

Decanal	1-5%
CAS number: 112 31 2	

2´-Acetonaphtone	1-5%
CAS number: 93-08-3	

citral	1-5%
CAS number: 5392-40-5	

Distillates (petroleum), hydrotreated light	1-5%
CAS number: 64742-47-8	

Orange Terpenes	1-5%
CAS number: 68647-72-3	

Eucalyptus Oil (Eucalyptus Globulus Labille)	1-5%
CAS number: 8000-48-4	
Citrus limon (L.) Burm. F.	1-5%
CAS number: 68917-33-9	
Pine oil	<1%
CAS number: 8002-09-3	
menthol	<1%
CAS number: 89-78-1	
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	<1%
CAS number: 68039-49-6	
Bornan-2-one	<1%
CAS number: 76-22-2	
Alpha,alpha-dimethylphenylethyl butyrate	<1%
CAS number: 10094-34-5	
Citronellol	<1%
CAS number: 106-22-9	
Benzyl salicylate	<1%
CAS number: 118-58-1	
Geraniol	<1%
CAS number: 106-24-1	
Linalool	<1%
CAS number: 78-70-6	
Citrus limon I. burm. f. peel oil	<1%
CAS number: 8008-57-9	

# 4. First-aid measures

# Description of first aid measures

**General information** 

Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

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**Inhalation** Remove affected person from source of contamination. Move affected person to fresh air and

keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on

their side in the recovery position and ensure breathing can take place.

Ingestion Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water

or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing

such as collar, tie or belt.

Skin Contact It is important to remove the substance from the skin immediately. In the event of any

sensitization symptoms developing, ensure further exposure is avoided. Remove

contamination with soap and water or recognized skin cleansing agent. Get medical attention

if symptoms are severe or persist after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide

apart. Continue to rinse for at least 10 minutes.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue. Wash

contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth

resuscitation.

Most important symptoms and effects, both acute and delayed

**General information** See Section 11 for additional information on health hazards. The severity of the symptoms

described will vary dependent on the concentration and the length of exposure.

**Inhalation** No specific symptoms known.

**Ingestion** May cause sensitization or allergic reactions in sensitive individuals.

Skin contact May cause skin sensitization or allergic reactions in sensitive individuals. Prolonged contact

may cause dryness of the skin.

**Eye contact** Irritating to eyes.

Indication of immediate medical attention and special treatment needed

5. Fire-fighting measures

Extinguishing media

chemicals, sand, dolomite etc.

Special hazards arising from the substance or mixture

Specific hazards None known.

Hazardous combustion Thermal decomposition or combustion products may include the following substances:

**products** Harmful gases or vapors.

Advice for firefighters

# Protective actions during firefighting

Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

# Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

#### 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

# Personal precautions

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Avoid contact with skin and eyes.

#### **Environmental precautions**

### **Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

#### Methods and material for containment and cleaning up

#### Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

## Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

# 7. Handling and storage

# Precautions for safe handling

#### Usage precautions

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

# Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

# Conditions for safe storage, including any incompatibilities

## Storage precautions

Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Utilize retaining walls to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

#### Storage class

Miscellaneous hazardous material storage.

### Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

# 8. Exposure controls/Personal protection

### **Control parameters**

## Occupational exposure limits

#### Alpha-Pinenes

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 112 mg/m<sup>3</sup> A4, DSens

# Pin-2(10)-ene

Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 112 mg/m³ Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 112 mg/m³ A4, A4, DSens, DSens

#### Bornan-2-one

Long-term exposure limit (8-hour TWA): ACGIH 2 ppm 12 mg/m³ Short-term exposure limit (15-minute): ACGIH 3 ppm 19 mg/m³

Long-term exposure limit (8-hour TWA): OSHA 2 mg/m<sup>3</sup>

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

DSens = Dermal sensitizer.

OSHA = Occupational Safety and Health Administration.

### Ingredient

Bornan-2-one (CAS: 76-22-2)

Immediate danger to life 200 mg/m³ and health

# **Exposure controls**

#### Protective equipment







# Appropriate engineering controls

Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimize worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimize exposure.

# Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with OSHA 1910.133. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

# Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

## Hygiene measures

Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.

#### Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

# Environmental exposure controls

Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

# 9. Physical and chemical properties

# Information on basic physical and chemical properties

Appearance Solid.

Color Yellow.

Odor Characteristic.

Odor threshold Not determined.

Melting point Not determined.

Flash point > 100°C/> 212°F

Evaporation rate Not determined.

**Evaporation factor** Not determined.

Flammability (solid, gas) Not determined.

Upper/lower flammability or

Initial boiling point and range

explosive limits

Ηq

Not determined.

Not determined.

> 100°C/> 212°F

Other flammability Not determined.

Vapor pressure Not determined.

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Vapor density Not determined.

Relative density Not determined.

Bulk density Not determined.

Solubility(ies) Not miscible or difficult to mix.

Partition coefficient Not determined.

**Auto-ignition temperature** Product is not self igniting.

Decomposition Temperature Not determined.

Viscosity Not determined.

**Explosive properties** Product does not present an explosion hazard.

Explosive under the influence

of a flame

Not considered to be explosive.

Oxidizing properties Not determined.

Organic solvents

# 10. Stability and reactivity

**Reactivity**There are no known reactivity hazards associated with this product.

Stable at normal ambient temperatures and when used as recommended. Stable under the

prescribed storage conditions.

Possibility of hazardous

reactions

No potentially hazardous reactions known.

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

Materials to avoid No specific material or group of materials is likely to react with the product to produce a

hazardous situation.

Hazardous decomposition

products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

# 11. Toxicological information

## Information on toxicological effects

Acute toxicity - oral

Notes (oral LD<sub>50</sub>) Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 15,151.52

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

## Serious eye damage/irritation

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Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitization

**Respiratory sensitization** Based on available data the classification criteria are not met.

Skin sensitization

**Skin sensitization** May cause skin sensitization or allergic reactions in sensitive individuals.

Germ cell mutagenicity

**Genotoxicity - in vitro**Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

**IARC carcinogenicity**None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity -

Based on available data the classification criteria are not met.

development

Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

**Aspiration hazard** 

Aspiration hazard Not relevant. Solid.

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

**Inhalation** No specific symptoms known.

**Ingestion** May cause sensitization or allergic reactions in sensitive individuals.

Skin Contact May cause skin sensitization or allergic reactions in sensitive individuals. Prolonged contact

may cause dryness of the skin.

**Eye contact** Irritating to eyes.

Route of exposure Ingestion Inhalation Skin and/or eye contact

**Target Organs** No specific target organs known.

Medical considerations Skin disorders and allergies.

12. Ecological information

**Toxicity** Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient Not determined.

# Wee-Screen Citrus Mango [US Variant]

Mobility in soil

Mobility No data available.

Other adverse effects

Other adverse effects None known.

# 13. Disposal considerations

### Waste treatment methods

#### General information

The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

## Disposal methods

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

### 14. Transport information

General

The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, DOT).

**UN Number** 

UN No. (International) Not applicable.

UN proper shipping name

Proper shipping name

(International)

Not applicable.

Transport hazard class(es)

Transport Labels

(International)

No transport warning sign required.

Packing group

Packing group (International) Not applicable.

**Environmental hazards** 

**Environmentally Hazardous Substance** 

No.

Special precautions for user

Not applicable.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

# 15. Regulatory information

# **US Federal Regulations**

#### SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

# CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The following ingredients are listed or exempt:

#### SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

### SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

### **CAA Accidental Release Prevention**

None of the ingredients are listed or exempt.

#### FDA - Essential Chemical

None of the ingredients are listed or exempt.

#### FDA - Precursor Chemical

None of the ingredients are listed or exempt.

### SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

### **OSHA Highly Hazardous Chemicals**

None of the ingredients are listed or exempt.

### **US State Regulations**

#### California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed or exempt.

### California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed or exempt.

### California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

# California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

# Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

Alpha-Pinenes

Present.

# Rhode Island "Right To Know" List

None of the ingredients are listed or exempt.

## Minnesota "Right To Know" List

None of the ingredients are listed or exempt.

# New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Alpha-Pinenes

Present.

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# Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

Alpha-Pinenes

Present.

#### **Inventories**

#### US - TSCA

The following ingredients are listed or exempt:

menthol

Present.

Benzyl salicylate

Present.

Eucalyptus Oil (Eucalyptus Globulus Labille)

Present.

Citrus limon (L.) Burm. F.

Present.

Alpha-Pinenes

Present.

Pin-2(10)-ene

Present.

### US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

#### 16. Other information

Training advice Read and follow manufacturer's recommendations. Only trained personnel should use this

material.

**Revision comments** Revised formulation.

Issued by Compliance Lead - Vectair Systems

Revision date 7/15/2021

Revision 3

Supersedes date 9/11/2020

**SDS No.** 5221

Hazard statements in full H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

NFPA - health hazard No health hazards specifically noted for fire situations. (0)

**NFPA - flammability hazard** Burns only if pre-heated. (1)

NFPA - instability hazard Normally stable. (0)

ACA HMIS Health rating. Minimal hazard. (0)

**ACA HMIS Flammability** 

rating.

Burns only if pre-heated. (1)

ACA HMIS Physical hazard

rating.

Normally stable. (0)

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.