

SAFETY DATA SHEET

In accordance with Canadian Hazardous Products Regulation

Product: Vaze-Citrus Mango VAZE CITRUS-US

Version: 1

1. IDENTIFICATION

Product Identifier

Product identifier: Vaze-Citrus Mango VAZE CITRUS-US

Other identifiers: VA-21-165

Recommended use of the chemical and restrictions on use

Product uses: Air Freshener, For Professional use only.

Uses advised against: Use only for intended applications

Supplier Details

Company name: Vectair Systems Inc.

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

Contact: Product development

E-Mail address: info@vectairsystems.com

Company phone: Vectair Systems Inc +1 901 373 7818 (during normal office hours)

Emergency telephone number

Emergency phone: INFOTRAC +1 800 535 5053 INTERNATIONAL +1 352 323 3500

2. HAZARD IDENTIFICATION

Classification

This product is classified under the Canadian Hazardous Products Regulation as follows:

This material is considered hazardous by the Canadian Hazardous Products Regulation

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1

Signal word: Warning

Hazard statements: Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.

Pictograms:



Precautionary statements: Avoid breathing vapour or dust.
Wash hands and other contacted skin thoroughly after handling.

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

Wear protective gloves/eye protection/face protection.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Store in a closed container.

Dispose of contents/container to approved disposal site, in accordance with local regulations.

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Contains:

| Name | CAS | % | GHS Classification |
|-----------------------------|--------------------------------|-----------|--|
| Citral | 5392-40-5 | 1% < 5% | Skin Irrit. 2-Eye Irrit. 2A-Skin Sens. 1; H315-H317-H319 |
| Decanal | 112-31-2 | 1% < 5% | Flam. Liq. 4-Eye Irrit. 2A;H227-H319 |
| d-Limonene | 5989-27-5, 138-86-3, 5989-54-8 | 1% < 5% | Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B- Asp. Tox 1;H226-H304-H315-H317 |
| beta-Pinene | 127-91-3 | 1% < 5% | Flam. Liq. 3-Skin Irrit. 2-Skin Sens. 1B- Asp. Tox 1;H226-H304-H315-H317 |
| alpha-Pinene | 80-56-8, 7785-26-4 | 1% < 5% | Flam. Liq. 3-Acute Tox. 4-Skin Irrit. 2-Skin Sens. 1B-Asp. Tox 1;H226-H302-H304-H315-H317 |
| Dihydromyrcenol | 18479-58-8 | 1% < 5% | Flam. Liq. 4-Skin Irrit. 2-Eye Irrit. 2A; H227-H315-H319 |
| Ethyl salicylate | 118-61-6 | 1% < 5% | Acute Tox. 4-Skin Irrit. 2;H302-H315 |
| Methyl beta-naphthyl ketone | 93-08-3 | 1% < 5% | Eye Irrit. 2A;H319 |
| Geraniol | 106-24-1 | 0.1% < 1% | Skin Irrit. 2-Eye Dam. 1-Skin Sens. 1; H315-H317-H318 |
| Camphor | 76-22-2, 21368-68-3 | 0.1% < 1% | Flam. Sol. 2-Acute Tox. 4-Acute Tox. 4-Skin Irrit. 2-Eye Dam. 1-STOT SE 2-STO-SE 2 ROUTE;H228-H302-H315-H318-H332-H371 |

The exact percentage concentrations of components are being withheld as a trade secret.

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure: IF ON SKIN: Wash with plenty of soap and water.

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Ingestion: Rinse mouth with water and obtain medical attention.

Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Protective Equipment and Precautions for Firefighters

In case of insufficient ventilation, wear suitable respiratory equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure guidelines

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

| Name | CAS | Description (property name) | Value (number and units) |
|--------|-----------|-----------------------------|--------------------------|
| Citral | 5392-40-5 | OEL Ontario Canada TWA PPM | 5 ppm |

Other exposure guidelines

No information available

Exposure controls

Engineering measures

Showers, eyewash stations, ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face and Skin Protection

Wear protective gloves/eye protection/face protection, and suitable protective clothing

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

| | |
|--|---------------------|
| Appearance: | Colourless Solid |
| Odour: | Characteristic |
| Odour threshold: | Not determined |
| pH: | Not determined |
| Melting point / freezing point: | Not determined |
| Initial boiling point / range: | > 100 °C |
| Flash point: | > 212 °F / > 100 °C |
| Evaporation rate: | Not determined |

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| | |
|--|--|
| Flammability (solid, gas): | Not determined |
| Upper/lower flammability or explosive limits: | Product does not present an explosion hazard |
| Vapour pressure: | Not determined |
| Vapour density: | Not determined |
| Relative density: | Not determined |
| Solubility(ies): | Not determined |
| Partition coefficient: n-octanol/water: | Not determined |
| Auto-ignition temperature: | > 200 °C |
| Decomposition temperature: | Not determined |
| Viscosity: | Not determined |
| <u>Other information:</u> | None available |

10. STABILITY AND REACTIVITY

Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability:

Good stability under normal storage conditions.

Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in the Canadian Hazardous Products Regulation.

| | |
|-----------------------------------|--|
| Acute Toxicity: | Based on available data the classification criteria are not met. |
| Acute Toxicity Oral | >5000 |
| Acute Toxicity Dermal | Not Applicable |
| Acute Toxicity Inhalation | Not Available |
| Skin corrosion/irritation: | Skin Corrosion / Irritation Category 2 |

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Serious eye damage/irritation: Eye Damage / Irritation Category 2
Respiratory or skin sensitisation: Sensitization - Skin Category 1
Germ cell mutagenicity: Based on available data the classification criteria are not met.
Carcinogenicity: Based on available data the classification criteria are not met.
Reproductive toxicity: Based on available data the classification criteria are not met.
STOT-single exposure: Based on available data the classification criteria are not met.
STOT-repeated exposure: Based on available data the classification criteria are not met.
Aspiration hazard: Based on available data the classification criteria are not met.

Additional Information None available

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic life with long lasting effects.

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

| | 14.1 UN number: | 14.2 UN Proper Shipping Name: | 14.3 Transport hazard class(es): | Sub Risk: | 14.4. Packing Group: |
|----------------------|-----------------|-------------------------------|----------------------------------|-----------|----------------------|
| UN Model Regulations | ' | UNKNOWN | | | ' |
| US DOT | ' | | | | - |
| US DOT (Bulk) | ' | | | | - |
| IMDG | ' | UNKNOWN | | | ' |
| ADR,RID,ADN | ' | UNKNOWN | | | ' |
| ICAO TI | ' | UNKNOWN | | | ' |

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US DOT refers to domestic transport by road/rail within the 48 ground states

US DOT (Bulk) refers to domestic bulk transport by road/rail within the 48 ground states.

Environmental hazards: This is an environmentally hazardous substance.

Special precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

15. REGULATORY INFORMATION

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

SDS Reference No.: SDS_2043

Additional information

None additional

16. OTHER INFORMATION

Issue date: 11/06/2023

Version: 1 Version Date: 11/06/2023

Key to revisions:

Not applicable

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.