

**Fragrance Delivery Technologies Ltd.**

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# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product Name** VIVA!e Cartridge Soothe

**UN-Number** UN1169

**Recommended Use** Air freshener

**Restriction on Use** Do not use this product for any use other than intended.

**Company** AlSCO NZ Fresh & Clean  
354 New North Road  
Kingsland 1021  
Auckland  
New Zealand  
TEL +64 309 1003

**Supplier** Fragrance Delivery Technologies, LTD  
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## 2. HAZARDS IDENTIFICATION

### Classification

Aspiration Toxicity	Category 1 (HSNO - 6.1E)
Skin Corrosion/Irritation	Category 2 (HSNO - 6.3A)
Skin Sensitization	Category 1 (HSNO - 6.5B)
Reproductive Toxicity	2
Specific Target Organ Systemic Toxicity (single exposure)	3
Flammable liquids	Category 3 (HSNO - 3.1C)

### GHS Label elements, including precautionary statements

Exclamation mark, Health Hazard, Flame



Signal Word

Danger

**Hazard Statements**

H304 - May be fatal if swallowed and enters airways  
 H315 - Causes skin irritation  
 H317 - May cause an allergic skin reaction  
 H361 – Suspected of damaging fertility of the unborn child  
 H336 – May cause drowsiness or dizziness  
 H226 – Flammable liquid and vapor

**New Zealand Pesticide Information**

- Not applicable

**Precautionary Statements****Prevention**

- Wash face, hands and any exposed skin thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves/protective clothing/eye protection/face protection.

**Skin**

- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Ingestion**

- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- Do NOT induce vomiting.

**Fire**

- In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

**Spills and Leaks**

- Collect spillage.

**Storage**

- Store locked up.
- Store in a well-ventilated place. Keep cool.

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Propylene glycol monomethyl ether	107-98-2	50-100
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	54464-57-2	10-<15
Pogostemon cablin extract	84238-39-1	5-<10
Oils, patchouli	8014-09-3	5-<10
4-Penten-2-ol, 3,3-dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-	107898-54-4	3-<5
Benzyl acetate	140-11-4	1-<3
Phenol, 2-Methoxy-4-(2-Propenyl)-	97-53-0	1-<3
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-	127-51-5	1-<3
n-Hexyl acetate	142-92-7	0.1-<1
2H-Pyran, tetrahydro-4-methyl-2-(2-methyl-	16409-43-1	0.1-<1

1-propenyl- lonone, methyl-	1335-46-2	0.1-<1
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-	57378-68-4	0.1-<1

#### 4. FIRST AID MEASURES

<b>General Advice</b>	Poison Control: Australia: 13 11 26 New Zealand: 0800 POISON (0800 764 766)
<b>Eye Contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	IF ON SKIN: Wash with plenty of soap and water. Remove and wash contaminated clothing before re-use. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
<b>Ingestion</b>	If swallowed: Call a physician or Poison Control Center immediately. Do NOT induce vomiting.
<b>Notes to Physician</b>	Aspiration hazard. May cause sensitization by skin contact.
<b>Protection of First-aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

#### 5. FIRE-FIGHTING MEASURES

**Hazchem Code**

3Y

**Flammable Properties**

Flammable liquid and vapor.

**Suitable Extinguishing Media**Use: Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam. Foam. Dry chemical.**Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire.

**Specific Hazards Arising from the Chemical**

Flammable. Vapors may form explosive mixtures with air. Most vapors are heavier than air. Vapors may spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may travel to source of ignition and flash back.

**Protective Equipment and Precautions for Firefighters**

Wear self-contained breathing apparatus and protective suit.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Remove all sources of ignition. Keep people away from and upwind of spill/leak. Take precautionary measures against static discharges. Use personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Environmental Precautions</b>	Prevent further leakage or spillage if safe to do so. Avoid release to the environment. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Dispose of contents/container to an approved waste disposal plant. Collect spillage.
<b>Methods for Containment</b>	Dike to collect large liquid spills.
<b>Methods for Cleaning Up</b>	Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Use non-sparking tools and equipment. Use personal protective

equipment. Use appropriate tools to put the material into suitable containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from heat, sparks and open flame. No smoking. Keep container tightly closed Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Wear personal protective equipment. Avoid contact with skin, eyes and clothing.
<b>Hygiene Measures</b>	When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Contaminated work clothing should not be allowed out of the workplace. Wash face, hands and any exposed skin thoroughly after handling. Provide regular cleaning of equipment, work area and clothing.
<b>Storage</b>	Store in a well-ventilated place. Keep cool.
<b>Incompatible Products</b>	Strong oxidizing agents. Strong acids. Strong bases.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	Australia	New Zealand WEL	ACGIH TLV	The United Kingdom	Germany	EU
Propylene Glycol Monomethyl ether 107-98-2			STEL: 100 ppm TWA: 50 ppm			
Benzyl acetate 140-11-4			TWA: 10 ppm			

### Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

#### Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### Eye/Face Protection

Tightly fitting safety goggles.

#### Skin and Body Protection

Wear protective gloves/clothing.

### Environmental Exposure Controls

No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear pale red to red
<b>Odor</b>	Varies with fragrance.
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting Point/Range</b>	No data available
<b>Freezing Point</b>	No data available

<b>Initial Boiling Point</b>	No data available
<b>Boiling Point/Boiling Range</b>	No data available
<b>Flash Point</b>	96.8°F / 36 °C
<b>Evaporation Rate</b>	No data available
<b>Flammable Properties</b>	Flammable liquid and vapor
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Specific Gravity</b>	No data available
<b>Water Solubility</b>	No data available
<b>Solubility</b>	No data available
<b>Partition Coefficient: n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition Temperature °C</b>	No data available
<b>Viscosity</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, flames and sparks.
<b>Incompatible Products</b>	Strong oxidizing agents. Strong acids. Strong bases.
<b>Hazardous Decomposition Products</b>	Carbon oxides.
<b>Hazardous Polymerization</b>	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Causes skin irritation. May cause sensitization by skin contact.
<b>Ingestion</b>	May be fatal if swallowed and enters airways.
<b>Inhalation</b>	There is no data available for this product.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propylene glycol monomethyl ether	= 5000 mg/kg ( Rat )	= 13 g/kg ( Rabbit )	> 7559 ppm ( Rat ) 6 h
Oils, patchouli	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Benzyl acetate	= 2490 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit ) > 5 g/kg ( Rabbit )	-
3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Phenol, 2-Methoxy-4-(2-Propenyl)-	= 1930 mg/kg ( Rat )	-	-
n-Hexyl acetate	= 36229 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
2H-Pyran, tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-	= 4300 mg/kg ( Rat )	-	-
Ionone, methyl-	> 5 g/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-

**The following values are calculated based on chapter 3.1 of the GHS document:**

**Acute Toxicity** 30.94% of the mixture consists of ingredient(s) of unknown toxicity.

<b>LD50 Oral</b>	>2000 mg/kg
<b>LD50 Dermal</b>	>2000 mg/kg
<b>Dust/Mist</b>	59.17 mg/L

**Delayed and immediate effects and also chronic effects from short and long term exposure**

<b>Skin corrosion/irritation</b>	Causes skin irritation
<b>Eye damage/irritation</b>	Causes serious eye irritation
<b>Sensitization</b>	May cause an allergic skin reaction.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	IARC	ACGIH
Benzyl Acetate 140-11-4	Group 3	
Phenol, 2-Methoxy-4-(2-Propenyl)- 97-53-0	Group 3	

**IARC: (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to its Carcinogenicity to Humans

<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child
<b>Developmental Toxicity</b>	No information available.
<b>STOT - single exposure</b>	May cause drowsiness or dizziness
<b>STOT - repeated exposure</b>	No information available
<b>Aspiration Hazard</b>	May be fatal if swallowed and enters airways

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Propylene glycol monomethyl ether 107-98-2		LC50 96 h: 4600 - 10000 mg/L static ( <i>Leuciscus idus</i> ) LC50 96 h: = 20.8 g/L static ( <i>Pimephales promelas</i> )		EC50 48 h: = 23300 mg/L ( <i>Daphnia magna</i> )
Benzyl acetate 140-11-4			EC50 = 3.29 mg/L 5 min EC50 = 3.86 mg/L 15 min EC50 = 4.54 mg/L 30 min	
n-Hexyl acetate 142-92-7		LC50 96 h: 3.7 - 4.4 mg/L flow-through ( <i>Pimephales promelas</i> )		

**Persistence and Degradability** No information available.  
**Global warming potential (GWP)** No information available.  
**Ozone depletion potential; ODP; (R-11 = 1):** Does not contain ozone depleting chemical (40 CFR Part 82).

**Bioaccumulation**

Chemical Name	Log Pow
Propylene glycol monomethyl ether	-0.437
Benzyl acetate	1.96

**Mobility** No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste from Residues / Unused Products** Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**Contaminated Packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Contaminated/not cleaned containers should be treated/handled like product waste. Do not allow rinsate from cleaning of equipment or disposed material to enter surface or groundwater.

### 14. TRANSPORT INFORMATION

**ADG/NZDG**

**UN Number** UN1169  
**Proper Shipping Name** EXTRACTS, AROMATIC, LIQUID MIXTURE  
**Hazard Class** 3  
**Packing group** III  
**Special Provisions** 223  
**Description** UN1169, EXTRACTS, AROMATIC, LIQUID MIXTURE, 3, III  
**Hazchem Code** 3Y

**IMDG/IMO**

**Proper Shipping Name** Regulated  
 Extracts, aromatic, liquid  
**Hazard Class** 3  
**UN-Number** UN1169  
**Packing Group** III  
**EmS No.** F-E, S-D  
**Special Provisions** 223, 955  
**Description** UN1169, EXTRACTS, AROMATIC, LIQUID MIXTURE (D-LIMONENE), 3, III, (0°C C.C.), MARINE POLLUTANT

**IATA**

**UN-Number** Regulated  
 UN1169



<b>Proper Shipping Name</b>	Extracts, aromatic, liquid mixture
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>ERG Code</b>	3L
<b>Description</b>	UN1169, Extracts, aromatic, liquid mixture, 3, III

## 15. REGULATORY INFORMATION

### National Regulations

#### Australia

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)** No Poisons Schedule number allocated

#### New Zealand

**New Zealand Exposure Limits** See Section 8 for any applicable Tolerable Exposure or Environmental Exposure Limits

Refer to the EPA User Guide to the HSNO Controls to assist in interpreting the Hazardous Substances controls regulations.

**HSNO Approval Number or Group Standard** HSR002576 (Food Additives and Fragrance Materials (Flammable) Group Standard 2017)

### International Regulations

<b>Ozone depleting substances</b>	Not applicable
<b>Persistent Organic Pollutants</b>	Not applicable
<b>Hazardous Waste</b>	Not applicable
<b>The Rotterdam Convention (Prior Informed Consent)</b>	Not applicable
<b>International Convention for the Prevention of Pollution from Ships (MARPOL)</b>	Not applicable

### International Inventories

<b>AICS</b>	Contact supplier for inventory compliance status
<b>NZIOC</b>	Contact supplier for inventory compliance status
<b>TSCA</b>	Contact supplier for inventory compliance status
<b>European Union</b>	Contact supplier for inventory compliance status
<b>DSL/NDSL</b>	Contact supplier for inventory compliance status
<b>PICCS</b>	Contact supplier for inventory compliance status
<b>ENCS</b>	Contact supplier for inventory compliance status
<b>IECSC</b>	Contact supplier for inventory compliance status
<b>KECL</b>	Contact supplier for inventory compliance status

#### Legend

**AICS** - Australian Inventory of Chemical Substances

**NZIOC** - New Zealand Inventory of Chemicals

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

## 16. OTHER INFORMATION

<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
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<b>Literary Reference</b>	No information available.
<b>Revision Note</b>	No information available.
<b>Legend</b>	X - Listed Skin - Skin absorber STEL (Short Term Exposure Limit) PEL (Permissible Exposure Limit) TWA (Time weighted Average) ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. New Zealand WEL - New Zealand Workplace Exposure Limits EU: European Union

**General Disclaimer**

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**End of Safety Data Sheet**