

**Fragrance Delivery Technologies Ltd.**

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# SAFETY DATA SHEET

Issuing Date 26-Apr-2018

Revision Date 25-Apr-2018

Revision Number 1

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

**Product Name** VIVA!e CARTRIDGE GLEE

**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  
P.O.Box 262800  
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United Arab Emirates  
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email: info@oxygenpowered.com

**Emergency Telephone Number** +64 27 480 8598 (24H).

## 2. HAZARDS IDENTIFICATION

### Classification

Skin Sensitization	Category 1 (HSNO - 6.5B)
Flammable liquids	Category 3 (HSNO - 3.1C)

### GHS Label elements, including precautionary statements

Exclamation mark, Flame



Signal Word

Warning

**Hazard Statements**

H317 - May cause an allergic skin reaction

H226 – Flammable liquid and vapor.

**New Zealand Pesticide Information**

- Not applicable

**Precautionary Statements****Prevention**

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Contaminated work clothing should not be allowed out of the workplace.
- 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.

**Fire**

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

**Spills and Leaks**

- Collect spillage.

**Disposal**

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
n-Hexyl acetate	142-92-7	25-<50
Isoamyl butyrate	106-27-4	1-<5
Ethyl hexanoate	123-66-0	1-<5
Triplal	68039-49-6	0.1-<1
Trans-hex-2-enal	6728-26-3	0.1-<1
Isocyclocitral	1335-66-6	0.1-<1
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-	57378-68-4	0.1-<1
1-(5,5-dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one	56973-85-4	0.1-<1

**4. FIRST AID MEASURES****General Advice**

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

### Personal Precautions

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.

### Environmental Precautions

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.

### Methods for Containment

Dike to collect large liquid spills.

### Methods for Cleaning Up

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

### Handling

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.

**Hygiene Measures**

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.

**Storage**

Store in a well-ventilated place. Keep cool.

**Incompatible Products**

Strong oxidizing agents. Strong acids. Strong bases.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls****Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**
**Eye/Face Protection**  
**Skin and Body Protection**  
**Respiratory Protection**

Tightly fitting safety goggles.  
Wear protective gloves/clothing.  
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.

**Hygiene Measures**

Do not eat, drink or smoke when using this product. Provide regular cleaning of equipment, work area and clothing. 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Appearance</b>	Colorless to slightly yellow.
<b>Odor</b>	Fruity, Green
<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>	132.8°F / 56°C
<b>Evaporation Rate</b>	No data available
<b>Flammable Properties</b>	Not Flammable
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available

Vapor Pressure	2.6443 Pa @ 20 °C
Vapor Density	934,31 kg/m <sup>3</sup> at 20 °C
Specific Gravity	No data available
Water Solubility	Insoluble
Solubility	No data available
Partition Coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature °C	No data available
Viscosity	No data available

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### Product Information

Eye Contact	There is no data available for this product.
Skin Contact	May cause sensitization by skin contact.
Ingestion	There is no data available for this product.
Inhalation	None under normal use conditions

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
n-Hexyl acetate	= 36229 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Isoamyl butyrate	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	-
Isocyclocitral	= 4500 mg/kg ( Rat )	-	-
Trans-hex-2-enal	= 780 mg/kg ( Rat )	= 600 mg/kg ( Rabbit )	-

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

Sensitization	No information available.
Mutagenic Effects	No information available.
Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen.
Reproductive Toxicity	No information available.
Developmental Toxicity	No information available.
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Aspiration Hazard	No information available

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life. Toxic to aquatic organisms with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
n-Hexyl acetate 142-92-7		LC50 96 h: 3.7 - 4.4 mg/L flow-through (Pimephales promelas)		
Ethyl hexanoate		LC50 96 h: 8.02-9.97 mg/L flow-through (Pimephales promelas)		

**Persistence and Degradability**  
**Global warming potential (GWP)**  
**Ozone depletion potential; ODP; (R-11 = 1):**

No information available.  
 No information available.  
 Does not contain ozone depleting chemical (40 CFR Part 82).

**Bioaccumulation** No information available..

**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  
**Proper Shipping Name** Extracts, aromatic, liquid mixture  
**Hazard Class** 3  
**Packing Group** III  
**ERG Code** 3L  
**Description** 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

**Prepared By**      Product Stewardship  
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**Issuing Date**      26-Apr-2018

Revision Date	25-Apr-2018
Literary Reference	No information available.
Revision Note	No information available.
Legend	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**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

**End of Safety Data Sheet**