

**Fragrance Delivery Technologies Ltd.**

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# SAFETY DATA SHEET

**Issuing Date** 07-Aug-2013

**Revision Date** 10-Sep-2021

**Revision Number** 3

## Section 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product Name** VIVA!e Cartridge Glee

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Air freshener

**Uses advised against** No information available

### 1.3. Details of the supplier of the safety data sheet

**Importer**

Fragrance Delivery Technologies LTD.  
LIU 15, RA07AC06 JAFZA  
P.O.Box 262800  
Dubai, United Arab Emirates  
TEL: +9714 887 0577  
Email: info@oxygenpowered.com

### For further information, please contact

**E-mail Address** info@oxygenpowered.com

### 1.4. Emergency telephone number

**Emergency Telephone Number**

Europe	112
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## Section 2. Hazards identification

### 2.1. - Classification of the substance or mixture

**REGULATION (EC) No 1272/2008**

Skin Sensitization	Sub-category 1B
Chronic Aquatic Toxicity	Category 2

**Physical Hazards**

Flammable liquids	Category 3
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### 2.2. Label Elements

**Signal Word****Warning****Hazard Statements**

H317 - May cause an allergic skin reaction

H226 - Flammable liquid and vapor

EUH210 - Safety data sheet available on request

**Precautionary Statements - EU (§28, 1272/2008)**

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection

P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction

**Precautionary Statements**

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P233 - Keep container tightly closed

P240 - Ground/Bond container and receiving equipment

P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray

P273 - Avoid release to the environment

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower

P370 + P378 - In case of fire: Use .? for extinction

P403 + P235 - Store in a well-ventilated place. Keep cool

P272 - Contaminated work clothing should not be allowed out of the workplace

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention

P363 - Wash contaminated clothing before reuse

P501 - Dispose of contents/ container to an approved waste disposal plant

**2.3. Other information**

Contains 2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-, Trans-hex-2-enal

Contains 2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-.

**Section 3. Composition/information on ingredients****3.1. Substances**

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
n-Hexyl acetate	205-572-7	142-92-7	25-<50	EFFA: EH A2; FL 3; SCI 3	No data available

Isoamyl butyrate	203-380-8	106-27-4	1-<5	EFFA: EH A4; EH C3; FL 3; SCI 3	No data available
Ethyl hexanoate	204-640-3	123-66-0	1-<5	Aquatic Chronic 4 (H413)	No data available
Acetic acid, (3-methylbutoxy)-, 2-propenyl ester	266-803-5	67634-00-8	1-<5	Skin Irrit. 2 (H315)	No data available
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexe n-1-yl)-	260-709-8	57378-68-4	0.1-<1	Skin Sens. 1 (H317)	No data available

**For the full text of the H-Statements mentioned in this Section, see Section 16**

## Section 4. First aid measures

### 4.1. Description of first-aid measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation persists.
<b>Skin Contact</b>	Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Remove and wash contaminated clothing before re-use.
<b>Ingestion</b>	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell
<b>Inhalation</b>	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed

**Most Important Symptoms/Effects** Hives. Itching.

### 4.3. Indication of immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

#### **Suitable Extinguishing Media**

Use: Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

#### **Extinguishing media which must not be used for safety reasons**

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

### 5.2. Special hazards arising from the substance or mixture

#### **Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

Flammable. Vapors may form explosive mixtures with air. Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.) Vapors may travel to source of ignition and flash back.

### 5.3. Advice for firefighters

#### **Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

**Section 6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep people away from and upwind of spill/leak. Use personal protective equipment.

**6.2. Environmental precautions**

Do not flush into surface water or sanitary sewer system.

**6.3. Methods and materials for containment and cleaning up**

A vapor suppressing foam may be used to reduce vapors.

Take up mechanically and collect in suitable container for disposal. 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. Sweep up and shovel into suitable containers for disposal.

**6.4. Reference to other sections**

See Section 12 for additional information.

**Section 7. Handling and storage**

**7.1. Precautions for Safe Handling**

**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. Use only non-sparking tools. Take precautionary measures against static discharges. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**Hygiene Measures**

Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Contaminated work clothing should not be allowed out of the workplace.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a cool, well-ventilated place.

**7.3. Specific end use(s)**

**Exposure Scenario**

No information available.

**Other Guidelines**

No information available.

**Section 8. Exposure controls/personal protection**

**8.1. Control parameters**

**Exposure Limits**

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

**Derived No Effect Level**

No information available

**Predicted No Effect Concentration (PNEC)**

No information available.

**8.2. Exposure controls**

<b>Engineering Measures</b>	None under normal use conditions. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Personal protective equipment</b>	
<b>Eye Protection</b>	No special protective equipment required. Safety glasses with side-shields.
<b>Skin and Body Protection</b>	No special protective equipment required. Wear protective gloves/clothing
<b>Hand Protection</b>	No special protective equipment required. Protective gloves.
<b>Respiratory Protection</b>	No special protective equipment required.
<b>Environmental Exposure Controls</b>	Prevent product from entering drains.

## Section 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Appearance</b>	Colorless to pale yellow
<b>Odor</b>	Fruity		

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	56 °C / 132.8 °F	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Flammable Properties	Flammable.	
Explosive Properties	No data available	
Oxidizing Properties	No data available	

### 9.2. Other information

<b>VOC Content (%)</b>	No information available
<b>Flammability Limits in Air</b>	No data available

## Section 10. Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

Strong oxidizing agents.

**10.6. Hazardous decomposition products**

Carbon oxides.

**Section 11. Toxicological information****11.1. Information on toxicological effects****Acute Toxicity****Product Information****Inhalation**

There is no data available for this product.

**Eye Contact**

May cause irritation.

**Skin Contact**

May cause irritation. May cause sensitization by skin contact.

**Ingestion**

There is no data available for this product.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
n-Hexyl acetate	= 41500 µL/kg ( Rat )	> 5 g/kg ( Rabbit )	
Isoamyl butyrate	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	

**Sensitization**

May cause an allergic skin reaction.

**Mutagenic Effects**

No information available.

**Carcinogenic Effects**

No information available.

**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.

**Section 12. Ecological information****12.1. Toxicity****Ecotoxicity Effects**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
n-Hexyl acetate		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)		

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential.**

No information available.

**12.4. Mobility in soil**

Adsorbs on soil.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

This product does not contain any known or suspected endocrine disruptors.

**Section 13. Disposal considerations**
**13.1. Waste treatment methods**

<b>Waste from Residues / Unused Products</b>	Dispose of in accordance with local regulations.
<b>Contaminated Packaging</b>	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.
<b>Other Information</b>	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

**Section 14. Transport information**
**IMDG/IMO**

<b>14.1. UN-Number</b>	UN1169
<b>14.2. Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III, (56°C c.c.), Marine Pollutant
<b>14.5. Marine Pollutant</b>	None.
<b>Environmental hazard</b>	yes
<b>14.6. Special Provisions</b>	None.
<b>EmS No.</b>	F-E, S-D
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available.

**RID**

<b>14.1. UN-Number</b>	UN1169
<b>14.2. Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III
<b>14.5. Environmental hazard</b>	yes
<b>14.6. Special Provisions</b>	None.
<b>Classification Code</b>	F1

**ADR**

<b>14.1. UN-Number</b>	UN1169
<b>14.2. Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III, (D/E)
<b>14.5. Environmental hazard</b>	yes
<b>14.6. Special Provisions</b>	None.

<b>Classification Code</b>	F1
<b>Tunnel Restriction Code</b>	(D/E)

**ICAO**

<b>14.1. UN-Number</b>	UN1169
<b>14.2. Proper shipping name</b>	Extracts, aromatic, liquid
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III
<b>14.5. Environmental hazard</b>	yes
<b>14.6. Special Provisions</b>	None.

**IATA**

<b>14.1. UN-Number</b>	UN1169
<b>14.2. Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III
<b>14.5. Environmental hazard</b>	yes
<b>14.6. Special Provisions</b>	None.
<b>ERG Code</b>	3L

<b>Section 15. Regulatory information</b>
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**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****International Inventories**

U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), China (IECSC), Philippines (PICCS), All of the components in the product are on the following Inventory lists:, Raw materials incorporated into this product are REACH compliant, Contact Braskem for product specific global inventory status.

<b>TSCA</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>PICCS</b>	Complies
<b>ENCS</b>	Not determined
<b>IECSC</b>	Complies
<b>AICS</b>	Complies
<b>KECL</b>	Not determined

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**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  
**AICS** - Australian Inventory of Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances

**15.2. Chemical Safety Assessment**

No information available

<b>Section 16. Other information</b>
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**Full text of H-Statements referred to under sections 2 and 3**

H413 - May cause long lasting harmful effects to aquatic life

H317 - May cause an allergic skin reaction

H315 - Causes skin irritation

**Key literature references and sources for data**

www.ChemADVISOR.com/

<b>Issuing Date</b>	07-Aug-2013
<b>Revision Date</b>	10-Sep-2021
<b>Revision Note</b>	New regional format.

**This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006**

**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**