



### Fragrance Delivery Technologies Ltd.

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# **SAFETY DATA SHEET**

Issuing Date 19-Feb-2014 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 Glow

Contains 2-Propenal, 2-methyl-3-phenyl-, D-Limonene, Eugenol, Benzaldehyde Contains 2-ethyl-3-hydroxy-4-pyrone, Benzaldehyde, p-Methylacetophenone, Acetophenone

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

**Recommended Use** 

Fragrances

Uses advised against

No information available

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

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** 

CHEMTREC: 1-800-424-9300 for US/ 703-527-3887 outside US

Number

Europe 112

# Section 2. Hazards identification

## 2.1. - Classification of the substance or mixture

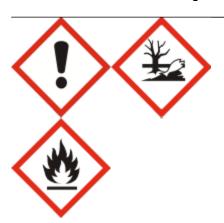
**REGULATION (EC) No 1272/2008** 

REGGERTION (EG) NO 1212/2000	
Acute Oral Toxicity	Category 4
Acute Inhalation Toxicity - Vapors	Category 4
Serious Eye Damage/Eye Irritation	Category 2
Skin Sensitization	Category 1
Chronic Aquatic Toxicity	Category 2

### **Physical Hazards**

7	
Flammable liquids	Category 3

# 2.2. Label Elements



### Signal Word

#### Warning

#### **Hazard Statements**

H302 - Harmful if swallowed

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H411 - Toxic to aquatic life with long lasting effects

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

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

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

P233 - Keep container tightly closed

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

P273 - Avoid release to the environment

P337 + P313 - If eye irritation persists: Get medical advice/ attention

#### **Precautionary Statements**

P270 - Do not eat, drink or smoke when using this product

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell

P330 - Rinse mouth

P322 - Specific measures (see supplemental first aid instructions on this label)

P264 - Wash face, hands and any exposed skin thoroughly after handling

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/ attention

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

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

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

P321 - Specific treatment (see supplemental first aid instructions on this label)

P363 - Wash contaminated clothing before reuse

P273 - Avoid release to the environment

P391 - Collect spillage

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

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

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

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

P501 - Dispose of contents/container to .?

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

P271 - Use only outdoors or in a well-ventilated area

P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing

P312 - Call a POISON CENTER or doctor/ physician if you feel unwell

### 2.3. Other information

No information available.

# Section 3. Composition/information on ingredients

#### 3.1. Substances

### 3.2. Mixtures

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Benzaldehyde	202-860-4	100-52-7	25-50	Acute Tox. 4 (H302)	No data available
D-Limonene	227-813-5	5989-27-5	1-10	Skin Irrit. 2 (H315) Flam. Liq. 3 (H226) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available
Benzaldehyde, 4-methyl-	203-246-9	104-87-0	1-10	Eye Irrit. 2 (H319)	No data available
Acetophenone	202-708-7	98-86-2	1-10	Acute Tox. 4 (H302) Eye Irrit. 2 (H319)	No data available
lonone, .beta. (.betalonone)	238-969-9	14901-07-6	1-5	Aquatic Chronic 4 (H413)	No data available
Allyl caproate	204-642-4	123-68-2	1-5	Aquatic Chronic 2 (H411)	No data available
Isoamyl butyrate	203-380-8	106-27-4	1-5	Aquatic Chronic 3 (H412)	No data available
2-ethyl-3-hydroxy-4-pyrone	225-582-5	4940-11-8	1-5	Acute Tox. 4 (H302)	No data available
Vanillin	204-465-2	121-33-5	0.1-1.0	Acute Tox. 4 (H302) Aquatic Chronic 3 (H412)	No data available
Eugenol	202-589-1	97-53-0	0.1-1.0	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317)	No data available
2,6-Di-tert-butyl-p-cresol	204-881-4	128-37-0	0.1-1.0	Acute Tox. 4 H302 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	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

General Advice If swallowed, get medical help or contact a Poison Control Center right away. Show this

safety data sheet to the doctor in attendance.

Eye Contact 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.

Skin Contact IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin

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with water/shower. Remove and wash contaminated clothing before re-use. If skin irritation

or rash occurs: Get medical advice/attention.

Ingestion If swallowed: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

Rinse mouth.

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

**Protection of First-aiders**Remove all sources of ignition. Use personal protective equipment. Avoid contact with skin,

eyes and clothing.

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

Most Important Symptoms/Effects Hives. Itching. Rashes. Irritation.

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

**Notes to Physician** May cause sensitization of susceptible persons.

# Section 5. Fire-fighting measures

#### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Use: Water spray. Carbon dioxide (CO 2). Foam.

### 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. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may form explosive mixtures with air. 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

Remove all sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use personal protective equipment. Avoid contact with skin, eyes and clothing.

#### 6.2. 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.

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

Dike to collect large liquid spills.

Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Use personal protective equipment. Use clean non-sparking tools to collect absorbed material. 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 open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

#### **Hygiene Measures**

When using, do not eat, drink or smoke. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Provide regular cleaning of equipment, work area and clothing. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

# 7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool.

# 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**

Chemical Name	EU	Austria	Belgium	Cyprus	Denmark
Acetophenone			TWA: 10 ppm		TWA: 10 ppm
98-86-2			TWA: 50 mg/m <sup>3</sup>		TWA: 49 mg/m <sup>3</sup>
2,6-Di-tert-butyl-p-cresol 128-37-0		TWA: 10 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>
Chemical Name	Finland	France	Germany	Gibraltar	Greece
Benzaldehyde	TWA: 1 ppm				
100-52-7	TWA: 4.4 mg/m <sup>3</sup>				
	STEL: 4 ppm				
	STEL: 17.4 mg/m <sup>3</sup>				
	Ceiling: 4 ppm				
	Ceiling: 17.4 mg/m <sup>3</sup>				
D-Limonene	TWA: 25 ppm	TWA: 1000 mg/m <sup>3</sup>	TWA: 5 ppm		
5989-27-5	TWA: 140 mg/m <sup>3</sup>	STEL: 1500 mg/m <sup>3</sup>	TWA: 28 mg/m <sup>3</sup>		
	STEL: 50 ppm		Ceiling / Peak: 20 ppm		
	STEL: 280 mg/m <sup>3</sup>		Ceiling / Peak: 112		
			mg/m³		
			Skin		
			Repr*		
			Sen*		
Acetophenone	TWA: 5 ppm		Jen		
98-86-2	TWA: 25 mg/m <sup>3</sup>				
Eugenol			Sen*		
97-53-0					
2,6-Di-tert-butyl-p-cresol	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>
128-37-0	STEL: 20 mg/m <sup>3</sup>	Ŭ	Ceiling / Peak: 40		
			mg/m³		
			Carc*		
			Repr*		
Chemical Name	Ireland	Italy	Lithuania	Luxembourg	Malta
Benzaldehyde			TWA: 5 mg/m <sup>3</sup>		

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100-52-7							
Acetophenone 98-86-2	TWA: 10 p TWA: 49 m STEL: 30 p STEL: 147 m	g/m³ T pm	TWA: 10 ppm WA: 49 mg/m³	TWA: 5 mg/m³ Skin			
2,6-Di-tert-butyl-p-cresol 128-37-0	TWA: 10 mg STEL: 30 m		TWA: 2 mg/m³ Carc*				
Chemical Name	The Netherla	ands	Norway	Poland	Port	ugal	Spain
Benzaldehyde 100-52-7				TWA: 10 mg/m <sup>3</sup> STEL: 40 mg/m <sup>3</sup>			
D-Limonene 5989-27-5		T	TWA: 25 ppm WA: 140 mg/m <sup>3</sup> TEL: 37.5 ppm TEL: 175 mg/m <sup>3</sup> Sen*				
Acetophenone 98-86-2				TWA: 50 mg/m <sup>3</sup> STEL: 100 mg/m <sup>3</sup>	TWA: 1	10 ppm	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup>
2,6-Di-tert-butyl-p-cresol 128-37-0					TWA: 2 Ca	mg/m³	TWA: 10 mg/m <sup>3</sup>
Chemical Name		Swi	tzerland	Sweden		The	United Kingdom
D-Limonene 5989-27-5		STEL: 14 ppm STEL: 80 mg/m³ TWA: 7 ppm TWA: 40 mg/m³ Sen*					
2,6-Di-tert-butyl-p-cre 128-37-0	esol						TWA: 10 mg/m³ STEL: 30 mg/m³

# Biological occupational exposure limits

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

**Derived No Effect Level** No information available.

Predicted No Effect Concentration No information available.

(PNEC)

8.2. Exposure controls

**Engineering Measures** Showers

Evewash stations Ventilation systems

Personal protective equipment

**Eye Protection** Tightly fitting safety goggles. **Skin and Body Protection** Wear suitable protective clothing.

**Hand Protection** 

Protective gloves.

**Respiratory Protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Respiratory protection complying with EN 143.

**Environmental Exposure Controls** Do not allow material to contaminate ground water system.

# Section 9. Physical and chemical properties

Personal protection equipment should be chosen according to the CEN standards

# 9.1. Information on basic physical and chemical properties

Pale red to red **Physical State** Liquid **Appearance** 

Odor Cherry

Property Values Remarks/ - Method pН No data available None known

Melting Point/Range No data available None known **Boiling Point/Boiling Range** No data available None known

Flash Point	53 °C / 127.4 °F	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air	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/waterNo data available None known **Autoignition Temperature** No data available None known **Decomposition Temperature** No data available None known **Decomposition Temperature** No data available None known Viscosity No data available None known

Explosive Properties No information available Oxidizing Properties No information available

9.2. Other information

VOC Content (%) No information 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

# 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

Strong oxidizing agents, Strong acids, Strong bases.

# 10.6. Hazardous decomposition products

Carbon oxides.

# Section 11. Toxicological information

## 11.1. Information on toxicological effects

**Acute Toxicity** 

Product Information

InhalationHarmful by inhalation.Eye ContactCauses serious eye irritation.

**Skin Contact** May cause sensitization by skin contact.

**Ingestion** Harmful if swallowed.

**Acute Toxicity** 12.6% of the mixture consists of ingredient(s) of unknown toxicity.

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

 LD50 Oral
 1,069.00 mg/kg

 LD50 Dermal
 1,415.00 mg/kg

 Gas
 99,999.00 mg/L

 Dust/Mist
 99,999.00 mg/L

 Vapor
 99,999.00 mg/L

# **Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Benzaldehyde	= 1292 mg/kg ( Rat )	> 1250 mg/kg ( Rabbit )	
D-Limonene	5000 mg/kg ( Rat )	>5000 mg/kg ( Rabbit )	-
Benzaldehyde, 4-methyl-	= 1600 mg/kg ( Rat )	= 2500 mg/kg ( Rat )	
Acetophenone	= 815 mg/kg ( Rat ) = 900 mg/kg ( Rat )	= 1760 mg/kg ( Rabbit )	> 2.130 mg/L ( Rat ) 8 h
Allyl caproate	= 218 mg/kg ( Rat )	= 300 mg/kg ( Rabbit )	
lonone, .beta. (.betalonone)	= 4590 mg/kg ( Rat )		
Isoamyl butyrate	> 5 g/kg ( Rat )	> 5 g/kg ( Rabbit )	
n-Hexyl acetate	= 41500 μL/kg ( Rat )	> 5 g/kg ( Rabbit )	
p-Methylacetophenone	= 1400 mg/kg ( Rat )		
2-ethyl-3-hydroxy-4-pyrone	= 1150 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	
2-Propenal, 2-methyl-3-phenyl-	= 2050 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	
Vanillin	= 1580 mg/kg ( Rat )	> 5010 mg/kg ( Rabbit )	
Eugenol	= 1930 mg/kg ( Rat )		
2,6-Di-tert-butyl-p-cresol	= 890 mg/kg ( Rat )	-	-

**Sensitization** May cause sensitization by skin contact. May cause an allergic skin reaction.

Mutagenic Effects No information available.

Carcinogenic Effects Contains no ingredients above reportable quantities listed as a carcinogen.

Reproductive Toxicity
Developmental Toxicity
STOT - single exposure
STOT - repeated exposure
Aspiration Hazard
No information available.
No information available.
No information available.
No information available.

# Section 12. Ecological information

# 12.1. Toxicity

# **Ecotoxicity Effects**

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

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to	Daphnia Magna (Water
			Microorganisms	Flea)
Benzaldehyde		LC50 96 h: 0.8 - 1.44 mg/L	EC50 = 4.85 mg/L 30 min	EC50 24 h: = 50 mg/L
		flow-through (Lepomis	EC50 = 5.08 mg/L 15 min	(Daphnia magna)
		macrochirus) LC50 96 h:	EC50 = 6.11 mg/L 5 min	
		10.6 - 11.8 mg/L		
		flow-through (Oncorhynchus		
		mykiss) LC50 96 h: 6.8 -		
		8.53 mg/L flow-through		
		(Pimephales promelas)		
		LC50 96 h: = 12.69 mg/L		
		static (Oncorhynchus		
		mykiss) LC50 96 h: = 7.5		
		mg/L static (Lepomis		
		macrochirus)		
D-Limonene		LC50 96 h: 0.619 - 0.796		
		mg/L flow-through		
		(Pimephales promelas)		
		LC50 96 h: = 35 mg/L		
		(Oncorhynchus mykiss)		
Acetophenone		LC50 96 h: = 155 mg/L static	EC50 = 15.5 mg/L 15 min	
		(Pimephales promelas)		
		LC50 96 h: = 162 mg/L		
		flow-through (Pimephales		
		promelas)		
Allyl caproate		LC50 96 h: = 30 mg/L		
		(Carassius auratus)		

Vanillin		LC50 96 h: 53 - 61.3 mg/L	EC50 = 179 mg/L 210 min	EC50 24 h: = 180 mg/L
		flow-through (Pimephales		(Daphnia magna)
		promelas) LC50 96 h: = 57		
		mg/L semi-static		
		(Pimephales promelas)		
		LC50 96 h: = 88 mg/L static		
		(Pimephales promelas)		
Eugenol		LC50 67.6 mg/l		
_		Oncorhynchus kisutch (Coho		
		salmon) 96 h static		
2,6-Di-tert-butyl-p-cresol	EC50 72 h: = 6 mg/L	LC50 48 h: = 5 mg/L	EC50 = 7.82 mg/L 5 min	
	(Pseudokirchneriella	(Oryzias latipes)	EC50 = 8.57 mg/L 15 min	
	subcapitata) EC50 72 h: >		EC50 = 8.98 mg/L 30 min	
	0.42 mg/L (Desmodesmus		G	
	subspicatus)			

# 12.2. Persistence and degradability

No information available.

#### 12.3. Bioaccumulative potential

No information available.

Chemical Name	Log Pow
Benzaldehyde	1.48
Acetophenone	1.7
Vanillin	1.23
Eugenol	2.27
2,6-Di-tert-butyl-p-cresol	4.17

# 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

Waste from Residues / Unused **Products** 

Dispose of in accordance with local regulations.

**Contaminated Packaging** 

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Other Information** 

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application

for which the product was used.

# Section 14. Transport information

IMDG/IMO

**14.1. UN-Number** UN1169

14.2. Proper Shipping Name Extracts, aromatic, liquid

14.3. Hazard Class 3 14.4. Packing Group III

**Description**UN1169, Extracts, aromatic, liquid, 3, III, (53°C c.c.)Marine Pollutant **14.5. Marine Pollutant**Product is a marine pollutant according to the criteria set by IMDG/IMO

Environmental hazard yes
14.6. Special Provisions None
EmS No. F-E, S-D

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and

No information available.

the IBC Code

RID

**14.1**. **UN-Number** UN1169

14.2. Proper Shipping Name Extracts, aromatic, liquid

14.3. Hazard Class 3 14.4. Packing Group III

**Description** UN1169, Extracts, aromatic, liquid, 3, III Marine Pollutant

14.5. Environmental hazardyes14.6. Special ProvisionsNoneClassification CodeF1

<u>ADR</u>

**14.1. UN-Number** UN1169

14.2. Proper Shipping Name Extracts, aromatic, liquid

14.3. Hazard Class 3
ADR/RID-Labels 3
14.4. Packing Group III

**Description** UN1169, Extracts, aromatic, liquid, 3, III, (D/E) Marine Pollutant

14.5. Environmental hazardyes14.6. Special ProvisionsNoneClassification CodeF1

**ICAO** 

**14.1. UN-Number** UN1169

**14.2. Proper shipping name** Extracts, aromatic, liquid

14.3. Hazard Class 3 14.4. Packing Group III

**Description** UN1169, Extracts, aromatic, liquid, 3, III Marine Pollutant

14.5. Environmental hazard yes14.6. Special Provisions None

<u>IATA</u>

**14.1. UN-Number** UN1169

14.2. Proper Shipping Name Extracts, aromatic, liquid

14.3. Hazard Class 3 14.4. Packing Group III

**Description** UN1169, Extracts, aromatic, liquid, 3, III Marine Pollutant

14.5. Environmental hazard yes 14.6. Special Provisions None ERG Code 3L

# **Section 15. Regulatory information**

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

International Inventories

TSCA Complies

EINECS/ELINCS

DSL/NDSL

PICCS

ENCS

ENCS

AICS

KECL

Complies

Complies

Complies

Complies

Complies

Complies

Complies

Complies

Complies

### 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

# Section 16. Other information

### Full text of H-Statements referred to under sections 2 and 3

H226 - Flammable liquid and vapor

H302 - Harmful if swallowed

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

H412 - Harmful to aquatic life with long lasting effects

#### Key literature references and sources for data

www.ChemADVISOR.com/

Issuing Date 19-Feb-2014

Revision Date 09-Sep-2018

**Revision Note** Update to Format.

This safety data sheet complies with the requirements of Commission Regulation (EU) 2015/830 of 28 May 2015 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** 

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