

**Fragrance Delivery Technologies Ltd.**

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# SAFETY DATA SHEET

Issuing Date 19-Feb-2014

Revision Date 09-Sep-2018

Revision Number 2

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

### 1.1. Product identifier

**Product Name** Oxygen-Pro Grande 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](mailto:info@oxygenpowered.com)

**For further information, please contact**

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

### 1.4. Emergency telephone number

**Emergency Telephone Number** CHEMTREC: 1-800-424-9300 for US/ 703-527-3887 outside US

<b>Europe</b>	112
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## Section 2. Hazards identification

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

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

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

Flammable liquids	Category 3
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### 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)-

**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
Ionone, .beta. (.beta.-Ionone)	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.
<b>Ingestion</b>	If swallowed: Call a POISON CENTER or doctor/physician if exposed or you feel unwell. Rinse mouth.
<b>Inhalation</b>	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.
<b>Protection of First-aiders</b>	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<sub>2</sub>). 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 98-86-2			TWA: 10 ppm TWA: 50 mg/m <sup>3</sup>		TWA: 10 ppm 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 100-52-7	TWA: 1 ppm 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 5989-27-5	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 50 ppm STEL: 280 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m <sup>3</sup>  Skin Repr* Sen*		
Acetophenone 98-86-2	TWA: 5 ppm TWA: 25 mg/m <sup>3</sup>				
Eugenol 97-53-0			Sen*		
2,6-Di-tert-butyl-p-cresol 128-37-0	TWA: 10 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> Ceiling / Peak: 40 mg/m <sup>3</sup> Carc* Repr*		TWA: 10 mg/m <sup>3</sup>
Chemical Name	Ireland	Italy	Lithuania	Luxembourg	Malta
Benzaldehyde			TWA: 5 mg/m <sup>3</sup>		

100-52-7					
Acetophenone 98-86-2	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup> STEL: 30 ppm STEL: 147 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 49 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> Skin		
2,6-Di-tert-butyl-p-cresol 128-37-0	TWA: 10 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> Carc*			
<b>Chemical Name</b>	<b>The Netherlands</b>	<b>Norway</b>	<b>Poland</b>	<b>Portugal</b>	<b>Spain</b>
Benzaldehyde 100-52-7			TWA: 10 mg/m <sup>3</sup> STEL: 40 mg/m <sup>3</sup>		
D-Limonene 5989-27-5		TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 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: 10 ppm	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup>
2,6-Di-tert-butyl-p-cresol 128-37-0				TWA: 2 mg/m <sup>3</sup> Carc*	TWA: 10 mg/m <sup>3</sup>
<b>Chemical Name</b>	<b>Switzerland</b>		<b>Sweden</b>	<b>The United Kingdom</b>	
D-Limonene 5989-27-5	STEL: 14 ppm STEL: 80 mg/m <sup>3</sup> TWA: 7 ppm TWA: 40 mg/m <sup>3</sup> Sen*				
2,6-Di-tert-butyl-p-cresol 128-37-0	STEL: 40 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> Carc*			TWA: 10 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>	

**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 (PNEC)** No information available.

**8.2. Exposure controls****Engineering Measures**

Showers  
Eyewash stations  
Ventilation systems

**Personal protective equipment****Eye Protection****Skin and Body Protection****Hand Protection****Respiratory Protection**

Personal protection equipment should be chosen according to the CEN standards  
Tightly fitting safety goggles.  
Wear suitable protective clothing.  
Protective gloves.  
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****9.1. Information on basic physical and chemical properties**

**Physical State**  
**Odor**

Liquid  
Cherry

**Appearance**

Pale red to red

PropertyValuesRemarks/ - Method**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	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/water	No 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****Inhalation**

Harmful by inhalation.

**Eye Contact**

Causes 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 )	
Ionone, .beta. (.beta.-ionone)	= 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**

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**

Toxic 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)
Benzaldehyde		LC50 96 h: 0.8 - 1.44 mg/L flow-through (Lepomis macrochirus) LC50 96 h: 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)	EC50 = 4.85 mg/L 30 min EC50 = 5.08 mg/L 15 min EC50 = 6.11 mg/L 5 min	EC50 24 h: = 50 mg/L (Daphnia magna)
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 (Pimephales promelas) LC50 96 h: = 162 mg/L flow-through (Pimephales promelas)	EC50 = 15.5 mg/L 15 min	
Allyl caproate		LC50 96 h: = 30 mg/L (Carassius auratus)		



Vanillin		LC50 96 h: 53 - 61.3 mg/L flow-through (Pimephales promelas) LC50 96 h: = 57 mg/L semi-static (Pimephales promelas) LC50 96 h: = 88 mg/L static (Pimephales promelas)	EC50 = 179 mg/L 210 min	EC50 24 h: = 180 mg/L (Daphnia magna)
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 (Pseudokirchneriella subcapitata) EC50 72 h: > 0.42 mg/L (Desmodesmus subspicatus)	LC50 48 h: = 5 mg/L (Oryzias latipes)	EC50 = 7.82 mg/L 5 min EC50 = 8.57 mg/L 15 min EC50 = 8.98 mg/L 30 min	

**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 the IBC Code	No information available.

**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 hazard	yes
14.6. Special Provisions	None
Classification Code	F1

**ADR**

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 hazard	yes
14.6. Special Provisions	None
Classification Code	F1

**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	yes
14.6. Special Provisions	None

**IATA**

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

<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

TSCA	Complies
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<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>	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/](http://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