

# SAFETY DATA SHEET

Issuing Date 16-Aug-2013

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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 Spa

Contains Citral, 2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-, D-Limonene, Linalool, Camphor  
Contains Linalool, Citral, 2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-, D-Limonene

### 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

#### Company

Fragrance Delivery Technologies, LTD

P.O.Box 262800

Dubai

United Arab Emirates

TEL: +9714 887 0577

email: info@oxygenpowered.com

#### For further information, please contact

E-mail Address See above

### 1.4. Emergency telephone number

Emergency Telephone Number CHEMTREC: 1(800) 424-9300 (in USA and Canada) or +1-703-527-3887 (international)

Europe	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
Skin Corrosion/Irritation	Category 2
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  
 H315 - Causes skin irritation  
 H317 - May cause an allergic skin reaction  
 H319 - Causes serious eye irritation  
 H411 - Toxic to aquatic life with long lasting effects  
 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  
 P264 - Wash face, hands and any exposed skin thoroughly after handling  
 P370 + P378 - In case of fire: Use carbon dioxide, alcohol-resistant foam, or water spray for extinction  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
 P333 + P313 - If skin irritation or rash occurs: 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  
 P332 + P313 - If skin irritation occurs: Get medical advice/ attention  
 P362 - Take off contaminated clothing and wash before reuse  
 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  
 P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray  
 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  
 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

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

P405 - Store locked up

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

### 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.
Dihydromyrcenol	242-362-4	18479-58-8	15-<20	Skin Irrit. 2 (H315)	No data available
Camphor	200-945-0	76-22-2	15-<20		No data available
Pinene	215-533-6	1330-16-1	5-<10		No data available
Lynalyl acetate (ex bois de rose, synthetic)	204-116-4	115-95-7	5-<10	Skin Irr. Cat. 2 (H315) Eye Irr. Cat. 2 (H319)	No data available
Linalool	201-134-4	78-70-6	5-<10	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)	No data available
Eucalyptol	207-431-5	470-82-6	5-<10	Aquatic Chronic 3 (H412)	No data available
n-Hexyl acetate	205-572-7	142-92-7	3-<5	EFFA: EH A2; FL 3; SCI 3	No data available
2H-Pyran, tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-	240-457-5	16409-43-1	1-<3		No data available
D-Limonene	227-813-5	5989-27-5	1-<3	Skin Irrit. 2 (H315) Flam. Liq. 3 (H226) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available
Decanal	203-957-4	112-31-2	1-<3	Skin Irrit. 2 (H315) Aquatic Chronic 3 (H412)	No data available
Citral	226-394-6	5392-40-5	1-<3	Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	No data available
Caryophyllene	201-746-1	87-44-5	1-<3	Asp. Tox. 1 (H304)	No data available
Camphene	201-234-8	79-92-5	1-<3	Eye Irrit. 2 (H319) Aquatic Chronic 4 (H413)	No data available
5-Hepten-2-one, 6-methyl-	203-816-7	110-93-0	1-<3		No data available
2-Buten-1-one, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-	260-709-8	57378-68-4	1-<3	Skin Sens. 1 (H317)	No data available
Pin-2(3)-ene	201-291-9	80-56-8	0.1-<1	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Sens. 1 (H317) 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

<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>	Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
<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.
<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** Itching, Rashes, Irritation.

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

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

## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

#### **Suitable Extinguishing Media**

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

#### **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 accumulate in confined areas (basement, tanks, hopper/tank cars, etc.). 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. 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.

### 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. Dispose of contents/container to an approved waste disposal plant. Collect spillage.

### 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). Non-sparking tools should be used. 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 open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Wear personal protective equipment. Use spark-proof tools and explosion-proof equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use.

#### Hygiene Measures

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

### 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
Camphor 76-22-2		TWA: 2 ppm TWA: 13 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 12 mg/m <sup>3</sup> STEL: 3 ppm STEL: 19 mg/m <sup>3</sup>		TWA: 2 ppm TWA: 12 mg/m <sup>3</sup>
Pin-2(3)-ene 80-56-8			TWA: 20 ppm		
Chemical Name	Finland	France	Germany	Gibraltar	Greece
Camphor 76-22-2	TWA: 0.3 ppm TWA: 1.9 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 12 mg/m <sup>3</sup>			TWA: 12 mg/m <sup>3</sup> STEL: 18 mg/m <sup>3</sup>

	STEL: 0.9 ppm STEL: 5.7 mg/m <sup>3</sup>				
Pinene 1330-16-1		TWA: 1000 mg/m <sup>3</sup> STEL: 1500 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*		
Camphene 79-92-5		TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>			
Pin-2(3)-ene 80-56-8		TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>			
<b>Chemical Name</b>	<b>Ireland</b>	<b>Italy</b>	<b>Lithuania</b>	<b>Luxembourg</b>	<b>Malta</b>
Camphor 76-22-2	TWA: 2 ppm TWA: 12 mg/m <sup>3</sup> STEL: 3 ppm STEL: 18 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 12.5 mg/m <sup>3</sup> STEL: 3 ppm STEL: 18.7 mg/m <sup>3</sup> Carc*	TWA: 3 mg/m <sup>3</sup>		
Citral 5392-40-5		TWA: 5 ppm TWA: 31 mg/m <sup>3</sup> Skin Sen* Carc*			
Pin-2(3)-ene 80-56-8		TWA: 20 ppm TWA: 111 mg/m <sup>3</sup> Sen* Carc*	TWA: 25 ppm TWA: 150 mg/m <sup>3</sup> STEL: 50 ppm STEL: 300 mg/m <sup>3</sup>		
<b>Chemical Name</b>	<b>The Netherlands</b>	<b>Norway</b>	<b>Poland</b>	<b>Portugal</b>	<b>Spain</b>
Camphor 76-22-2		TWA: 2 ppm TWA: 12 mg/m <sup>3</sup> STEL: 2 ppm STEL: 12 mg/m <sup>3</sup>	TWA: 12 mg/m <sup>3</sup> STEL: 18 mg/m <sup>3</sup>	TWA: 2 ppm STEL: 3 ppm Carc*	TWA: 2 ppm TWA: 13 mg/m <sup>3</sup> STEL: 3 ppm STEL: 19 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*			
Citral 5392-40-5			TWA: 27 mg/m <sup>3</sup> STEL: 54 mg/m <sup>3</sup>	Sen*	TWA: 5 ppm Skin
Pin-2(3)-ene 80-56-8		TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 25 ppm STEL: 140 mg/m <sup>3</sup> Skin		TWA: 20 ppm Sen* Carc*	TWA: 20 ppm TWA: 113 mg/m <sup>3</sup> Sen*
<b>Chemical Name</b>	<b>Switzerland</b>		<b>Sweden</b>		<b>The United Kingdom</b>
Camphor 76-22-2	TWA: 2 ppm TWA: 13 mg/m <sup>3</sup>				TWA: 2 ppm TWA: 13 mg/m <sup>3</sup> STEL: 3 ppm STEL: 19 mg/m <sup>3</sup>
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*				
Pin-2(3)-ene 80-56-8			LLV: 25 ppm LLV: 150 mg/m <sup>3</sup> Indicative STLV: 50 ppm Indicative STLV: 300 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** None under normal use conditions.  
**Personal protective equipment** Personal protection equipment should be chosen according to the CEN standards  
**Eye Protection** No special protective equipment required. If splashes are likely to occur, wear: Goggles.  
**Skin and Body Protection** No protective equipment is needed under normal use conditions. Wear protective gloves/clothing.  
**Hand Protection** Protective gloves.  
**Respiratory Protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**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

<b>Physical State</b>	Liquid	<b>Appearance</b>	Pale red to red
<b>Odor</b>	Characteristic		

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
<b>pH</b>	No data available	None known
<b>Melting Point/Range</b>	No data available	None known
<b>Boiling Point/Boiling Range</b>	No data available	None known
<b>Flash Point</b>	59 °C / 138.2 °F	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>	No data available	None known
<b>Vapor Pressure</b>	0.800000	None known
<b>Vapor Density</b>	No data available.	None known
<b>Relative Density</b>	No data available 0.8950 - 0.8990	None known
<b>Water Solubility</b>	No data available	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Viscosity</b>	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**

Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation**

There is no data available for this product.

**Eye Contact**

Causes serious eye irritation.

**Skin Contact**

Causes skin irritation. May cause sensitization by skin contact.

**Ingestion**

Harmful if swallowed. May be harmful if swallowed and enters airways.

**Acute Toxicity**

14.96% of the mixture consists of ingredient(s) of unknown toxicity.

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

<b>LD50 Oral</b>	1,704.00 mg/kg
<b>LD50 Dermal</b>	5,180.00 mg/kg
<b>Gas</b>	99,999.00 mg/L
<b>Dust/Mist</b>	121.59 mg/L
<b>Vapor</b>	99,999.00 mg/L

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Dihydromyrcenol	= 3600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	
Linalool	2790 mg/kg ( Rat )	5610 mg/kg ( Rat )	-
Eucalyptol	= 2480 mg/kg ( Rat )		
Lynalyl acetate (ex bois de rose, synthetic)	= 13934 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 )		
5-Hepten-2-one, 6-methyl-	= 3500 mg/kg ( Rat )	> 5 g/kg ( Rabbit ) > 2 g/kg ( Rat )	
Decanal	= 3730 µL/kg ( Rat )	= 5040 µL/kg ( Rabbit )	
Citral	= 4960 mg/kg ( Rat )	= 2250 mg/kg ( Rabbit )	
Camphene	> 5 g/kg ( Rat )	> 2500 mg/kg ( Rabbit )	= 17100 mg/m <sup>3</sup> ( Rat ) 1 h
D-Limonene	5000 mg/kg ( Rat )	>5000 mg/kg ( Rabbit )	-
Geranyl acetate	= 6330 mg/kg ( Rat )		
Pin-2(3)-ene	= 3700 mg/kg ( Rat )	> 5000 mg/kg ( Rat )	
Terpinolene	= 4390 mg/kg ( Rat )		
Gamma -Terpinene	= 3650 mg/kg ( Rat )		
p-Cymene	= 3669 mg/kg ( Rat ) = 4750 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 9.7 mg/L ( Rat ) 5 h
2,6-Di-tert-butyl-p-cresol	890 mg/kg ( Rat )	-	-

**Sensitization**

May cause an allergic skin reaction.

**Mutagenic Effects**

No information available.

**Carcinogenic Effects**

Contains no ingredient 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)
Linalool	EC50 96 h: = 88.3 mg/L (Desmodesmus subspicatus)	LC50 96 h: 22 - 46 mg/L static (Leuciscus idus)		EC50 48 h: = 20 mg/L (Daphnia magna)
Eucalyptol		LC50 96 h: 95.4 - 109 mg/L flow-through (Pimephales promelas)		
n-Hexyl acetate		LC50 96 h: 3.7 - 4.4 mg/L flow-through (Pimephales promelas)		
D-Limonene		LC50 96 h: 0.619 - 0.796 mg/L flow-through (Pimephales promelas) LC50 96 h: = 35 mg/L (Oncorhynchus mykiss)		
Decanal			EC50 = 2.90 mg/L 25 min EC50 = 3.59 mg/L 15 min EC50 = 4.71 mg/L 5 min	
Citral	EC50 72 h: = 16 mg/L (Desmodesmus subspicatus) EC50 96 h: = 19 mg/L (Desmodesmus subspicatus)	LC50 96 h: 4.6 - 10 mg/L static (Leuciscus idus)	EC50 = 2100 mg/L 30 min	EC50 48 h: = 7 mg/L (Daphnia magna)
Camphene	EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 0.72 mg/L flow- through (Brachydanio rerio) LC50 96 h: = 150 mg/L static (Brachydanio rerio)		EC50 48 h: = 22 mg/L (Daphnia magna)
5-Hepten-2-one, 6-methyl-	EC50 96 h: = 101 mg/L (Desmodesmus subspicatus) EC50 72 h: = 191 mg/L (Desmodesmus subspicatus)	LC50 96 h: 83.3 - 88.2 mg/L flow-through (Pimephales promelas)	EC50 = 3000 mg/L 17 h	EC50 48 h: = 129 mg/L (Daphnia magna)
Pin-2(3)-ene		LC50 96 h: = 0.28 mg/L static (Pimephales promelas)		LC50 48 h: = 41 mg/L (Daphnia magna)

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

Chemical Name	Log Pow
Linalool	3.1
Citral	2.76
5-Hepten-2-one, 6-methyl-	2.07
Pin-2(3)-ene	4.1

### 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>	Do not re-use empty containers. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>Other Information</b>	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

<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, Marine Pollutant (55°C c.c.)
<b>14.5. Marine Pollutant</b>	This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO; Product is a marine pollutant according to the criteria set by IMDG/IMO
<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

14.3. Hazard Class	3
ADR/RID-Labels	3
14.4. Packing Group	III
Description	UN1169, Extracts, aromatic, liquid, 3, III, (D/E)
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
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
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	Complies
DSL/NDSL	Complies
PICCS	Complies
ENCS	Not determined
IECSC	Complies
AICS	Complies
KECL	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

## Section 16. Other information

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

H315 - Causes skin irritation  
H412 - Harmful to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects  
H317 - May cause an allergic skin reaction  
H226 - Flammable liquid and vapor  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H319 - Causes serious eye irritation  
H413 - May cause long lasting harmful effects to aquatic life  
H304 - May be fatal if swallowed and enters airways

**Key literature references and sources for data**

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

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<b>Revision Note</b>	Updated Emergency Phone Number.

**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**

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End of Safety Data Sheet