

Fragrance Delivery Technologies Ltd.

RA07AC06, LIU 15, Junction 7, Jebel Ali Free Zone North, P.O. Box 262800, Dubai, United Arab Emirates

Ph: +971 4 887 0577 | www.oxygenpowered.com

SAFETY DATA SHEET

Issuing Date 16-Aug-2013

Revision Date 04-Dec-2022

Revision Number 2

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

1.1. Product identifier

Product Name Spa Oxygen-Pro Regular Cartridge; Spa Oxygen-Pro Grande Cartridge
Spa VIVA!e Cartridge

UFI: 4N6Y-J005-110G-CR7K

Contains: 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one, 3,7-Dimethylocta-1,6-dien-3-ol, 1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane, 1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate

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
P.O.Box 262800
Dubai
United Arab Emirates
TEL: +9714 887 0577

UK Address

Fragrance Delivery Technologies, LTD
Unit 4 Enterprise Court, Station Road
SANDBACH, CW11 3SB
United Kingdom
email: info@oxygenpowered.com

EU Address

Fragrance Delivery Technologies, LTD
Pracela Teixeira Pascoas
nº44 R/C Dtº Tras 4490-260
Portugal
email: info@oxygenpowered.com

For further information, please contact

E-mail Address communications@oxygenpowered.com

1.4. Emergency telephone number

Emergency Telephone Number 1-800-424-9300 USA
703-527-3887 Outside USA

Section 2. Hazards identification

2.1. - Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Skin Corrosion/Irritation	Category 2
Eye Damage/Irritation	Category 1
Sensitization - Skin	Category 1
STOT, single exposure	Category 2
Hazardous to the aquatic environment, Chronic	Category 2

Physical Hazards

Flammable liquids	Category 3
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2.2. Label Elements



Signal Word **DANGER**

Hazard Statements

H411 - Toxic to aquatic life with long lasting effects
 H226 - Flammable liquid and vapor
 H315 – Causes skin irritation
 H317 – May cause an allergic skin reaction
 H318 – Causes serious eye damage
 H371 – May cause damage to organs

Precautionary Statements

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 P240 - Ground/Bond container and receiving equipment
 P260 – Do not breathe dust/fumes/gas/mist/vapors/spray.
 P264 – Wash skin thoroughly after handling
 P273 – Avoid release to the environment
 P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection

2.3. Other information

Section 3. Composition/information on ingredients

3.1. Substances

Conc. %	Description	CAS	EINECS	EDC	M-Factor	Classification EC 1907/2006
10-25	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	76-22-2	200-945-0		1	H228, H302, H315, H318, H332, H371, H411
10-25	2,6-dimethyloct-7-en-2-ol	18479-58-8	242-362-4		1	H315, H319
2.5-10	3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	201-134-4		1	H315, H317, H319
2.5-10	1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane	470-82-6	207-431-5		1	H226, H317
2.5-10	1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate	115-95-7	204-116-4		1	H315, H317, H319
2.5-10	Turpentine oil	8006-64-2	932-349-8		1	H302, H304, H312, H315, H317, H319, H332, H411
2.5-10	Hexyl acetate	142-92-7	205-572-7		1	H226
2.5-10	3-methylbutyl acetate	123-92-2	204-662-3		1	H226
1.0-2.5	2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane	79-92-5	201-234-8		1	H228, H400, H410
1.0-2.5	1-Decanal	112-31-2	203-957-4		1	H319, H412
1.0-2.5	(1S-endo)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-ol	464-45-9	207-353-1		1	H228, H315
1.0-2.5	(R)-p-Mentha-1,8-diene	5989-27-5	227-813-5		1	H226, H304, H315, H317, H400, H410
1.0-2.5	3,7-Dimethylocta-2,6-dienal	5392-40-5	226-394-6		1	H315, H317, H319
< 1.0	Octan-2-one	111-13-7	203-837-1		1	H226, H319, H412
< 1.0	Allyl (3-methylbutoxy)acetate	67634-00-8	266-803-5		1	H302, H315, H330
< 1.0	Rose Oxide Leavo	3033-23-6	221-217-9		1	H315, H319, H361
< 1.0	6-Methylhept-5-en-2-one	110-93-0	203-816-7		1	H226
< 1.0	1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one (Rose Ketone)	57378-68-4	260-709-8		1	H302, H315, H317, H400, H410
< 1.0	1-Isopropyl-4-methylbenzene	99-87-6	202-796-7		1	H226, H304, H331, H361, H411
< 1.0	2,6-Dimethylhept-5-enal	106-72-9	203-427-2		1	H317
< 1.0	2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol	98-55-5	202-680-6		1	H315, H319

Conc. %	Description	CAS	EINECS	EDC	M-Factor	Classification EC 1907/2006
< 1.0	4,11,11-Trimethyl-8-methylenebicyclo[7.2.0]undec-4-ene	87-44-5	201-746-1		1	H304, H317, H413
< 1.0	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8	201-291-9		1	H226, H304, H315, H317, H400, H410
< 1.0	2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol Natural	8000-41-7	232-268-1		1	H315, H319
<0.1	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	127-91-3	204-872-5		1	H226, H304, H315, H317, H400, H410

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

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.
Skin Contact	Wash skin with soap and water. Get medical attention if irritation develops and persists.
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
Inhalation	Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
Protection of First-aiders	Remove all sources of ignition.

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

See Section 2.1

4.3. Indication of immediate medical attention and special treatment needed

See Section 4.1

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

Use: Carbon dioxide (CO₂). Dry chemical, 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

Avoid inhaling fumes

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

Avoid inhalation and contact with skin and eyes. Wear protective gloves/protective clothing/eye protection/face protection.

6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Dike far ahead of spill to collect runoff water. Collect spillage. Dispose of contents/container to an approved waste disposal plant.

6.3. Methods and materials for containment and cleaning up

Dike to collect large liquid spills.

Dam up. Soak up with inert absorbent material. Non-sparking tools should be used. Sweep up and shovel into suitable containers for disposal.

6.4. Reference to other sections

See Section 8 and 13 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.

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.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

	WEL-STEL mg/m3	WEL-STEL ppm	WEL-TWA mg/m3	WEL-TWA ppm
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	19	3	13	2
Turpentine oil	850	150	566	100
3-methylbutyl acetate	541	100	270	50
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	300	50	140	25
6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	300	50	140	25

8.2. Exposure controls

Personal protective equipment

Eye Protection

Personal protection equipment should be chosen according to the CEN standards
Safety glasses with side-shields. If splashes are likely to occur, wear: Goggles.

Skin and Body Protection

None required under normal usage.

Hand Protection

Avoid contact. Use chemically resistant gloves as needed, e.g. butyl rubber or nitrile rubber protective index 6

Respiratory Protection

No special protective equipment required.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Clear very pale green yellow
Odor	Characteristic		
<u>Property</u>	<u>Values</u>	<u>Remarks</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	58 °C	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	0.78854605 mmHg.	None known	
Vapor Density	No data available.	None known	
Relative Density	0.90	None known	
Water Solubility	Insoluble in water.	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	
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**

Presents no significant reactivity hazard, by itself or in contact with water.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Stable under normal conditions

10.5. Incompatible materials

None expected

10.6. Hazardous decomposition products

Not expected.

Section 11. Toxicological information

This preparation has not been subject to toxicological testing as an entity; therefore no specific LD50/LC50 values have been determined. The toxicological information available relating to the ingredients and their concentrations enables the evaluation of this preparation. For further information see sections 2, 15 & 16.

11.1. Information on toxicological effects

ATE Dermal: >10000

ATE Oral: 3784

ATE Vapor: >20

Section 12. Ecological information

12.1. Toxicity

This preparation has not been subject to ecological testing as an entity; therefore no specific data has been generated. The ecological information available relating to the ingredients and their concentrations enables the evaluation of this preparation. For further information see sections 2, 15 & 16. Avoid contaminating the earth as well as surface and ground water.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

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

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. The soiled packaging should be disposed of in the same way as the product.

Section 14. Transport information

14.1. UN-Number	UN1993
14.2. Proper Shipping Name	Flammable liquid, n.o.s., (Contains: Cineole)
14.3. Hazard Class	3
14.4. Packing Group	III
14.5. Environmental hazards	This is an environmentally hazardous substance

Section 15. Regulatory information

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

For classification and labelling information see section 2. The classification of this mixture is in accordance with EC 1272/2008 as amended

15.2. Chemical Safety Assessment

No information available

Section 16. Other information

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4

EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
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.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.

P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
REP 2	Toxic to Reproduction Category 2
SCI 2	Skin Corrosion / Irritation Category 2
SS 1A	Sensitization - Skin Category 1A
SS 1B	Sensitization - Skin Category 1B
STO-SE 3(NE)	Specific Target Organ Toxicity (Single Exposure) Category 3

Key literature references and sources for data

www.ChemADVISOR.com/

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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