

Fragrance Delivery Technologies Ltd.

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SAFETY DATA SHEET

Issuing Date 16-Aug-2013

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Revision Number 3

This document complies with the US OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), and Mexico's NMX-R-019-SC-2011.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

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

Other means of identification

UN-Number UN1993

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Air freshener

Uses advised against No information available

Supplier's details

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

Emergency telephone number

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

2. HAZARDS IDENTIFICATION

Classification

This product is considered hazardous according to the criteria set within the US OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), and Mexico's NMX-R-019-SC-2011.

Flammable liquids	Category 3
Skin Irritation	Category 2
Serious Eye Damage	Category 1

Skin Sensitization	Category 1
Reproductive Toxicity	Category 2
STOT, single exposure	Category 2

Label Elements

Danger



Hazard Statements

Harmful if swallowed
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Flammable liquid and vapor
Suspected of damaging fertility or the unborn child

Physical and Health Hazards Not Otherwise Classified

Not applicable.

Precautionary Statements

Prevention

- Wash face, hands and any exposed skin thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- Wear protective gloves/protective clothing/eye protection/face protection.

General Advice

- None

Eyes

- 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

- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Ingestion

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Rinse mouth.

Fire

- In case of fire: Use CO2, dry chemical, or foam for extinction.

Storage

- Store in a well-ventilated place. Keep cool.

Disposal

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classification

This product is considered hazardous according to the criteria set within the US OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), and Mexico's NMX-R-019-SC-2011.

Conc. %	Description	CAS	Classification 1910.1200 2015
10-25	1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	76-22-2	H228, H302, H315, H318, H332, H371
10-25	2,6-dimethyloct-7-en-2-ol	18479-58-8	H227, H315, H319
2.5-10	3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	H227, H315, H317, H319
2.5-10	1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl acetate	125-12-2	H227
2.5-10	1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane	470-82-6	H226, H317, H320
2.5-10	1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate	115-95-7	H227, H315, H317, H319
2.5-10	Turpentine oil	8006-64-2	H302, H304, H312, H315, H317, H319, H332
2.5-10	Hexyl acetate	142-92-7	H226
2.5-10	3-methylbutyl acetate	123-92-2	H226
1.0-2.5	2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane	79-92-5	H228, H320
1.0-2.5	1-Decanal	112-31-2	H227, H319
1.0-2.5	(1S-endo)-1,7,7-Trimethylbicyclo[2.2.1]heptan-2-ol	464-45-9	H228, H315
1.0-2.5	(R)-p-Mentha-1,8-diene	5989-27-5	H226, H304, H315, H317
1.0-2.5	3,7-Dimethylocta-2,6-dienal	5392-40-5	H315, H317, H319
< 1.0	Octan-2-one	111-13-7	H226, H319
< 1.0	Allyl (3-methylbutoxy)acetate	67634-00-8	H227, H302, H315, H330
< 1.0	Rose Oxide Leavo	3033-23-6	H227, H315, H319, H361
< 1.0	6-Methylhept-5-en-2-one	110-93-0	H226
< 1.0	1-(2,6,6-Trimethylcyclohex-3-en-1-yl)but-2-en-1-one (Rose Ketone)	57378-68-4	H302, H315, H317
< 1.0	1-Isopropyl-4-methylbenzene	99-87-6	H226, H304, H331, H361
< 1.0	2,6-Dimethylhept-5-enal	106-72-9	H227, H317
< 1.0	2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol	98-55-5	H227, H315, H319
< 1.0	4,11,11-Trimethyl-8-methylenebicyclo[7.2.0]undec-4-ene	87-44-5	H304, H317
< 1.0	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8	H226, H304, H315, H317
< 1.0	2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol Natural	8000-41-7	H227, H315, H319
<0.1	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	127-91-3	H226, H304, H315, H317

4. FIRST AID MEASURES

Description of necessary 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 persists.

Skin Contact

Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation

No damage to health is expected.

Ingestion

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

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

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects Itching, Rashes, Irritation.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician May cause sensitization by skin contact.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Use: Water spray. Carbon dioxide (CO₂). Foam.

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

Specific Hazards Arising from the Chemical Flammable. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). 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.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Yes.

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions 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.

Environmental Precautions

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. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment Dike far ahead of liquid spill for later disposal.

Methods for Cleaning Up Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Use clean non-sparking tools to collect absorbed material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Keep away from open flames, hot surfaces and sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Take precautionary measures against static discharges. Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Avoid contact with

skin, eyes and clothing. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed in a dry and well-ventilated place.

Incompatible Products Strong oxidizing agents, Strong acids, Strong bases,

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
1,7,7-Trimethylbicyclo[2.2.1]heptan-2- one	STEL: 3 ppm synthetic TWA: 2 ppm synthetic	TWA: 2 mg/m ³ (vacated) TWA: 2 mg/m ³	IDLH: 200 mg/m ³ TWA: 2 mg/m ³ synthetic
Turpentine oil	STEL: 150 ppm TWA: 100 ppm	-	-
3-methylbutyl acetate	STEL: 100 ppm TWA: 50 ppm	-	-
2,6,6-Trimethylbicyclo[3.1.1]hept-2- ene	STEL: 50 ppm TWA: 25 ppm	-	-
6,6-Dimethyl-2-methylenebicyclo [3.1.1]heptane	STEL: 50 ppm TWA: 25 ppm	-	-

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles.
Skin and Body Protection Wear protective gloves/clothing.
Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene Measures Do not eat, drink or smoke when using this product. Provide regular cleaning of equipment, work area and clothing. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid.	Appearance	Clear
Odor	Characteristic.	Odor Threshold	No information available.

<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	58°C / 136.4 °F	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	0.90	None known
Specific Gravity	No data available	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
Flammable Properties	Not flammable	
Explosive Properties	No data available	
Oxidizing Properties	No data available	

Other information

VOC Content (%) No data available

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	No data available.
<u>Chemical stability</u>	Stable under recommended storage conditions.
<u>Possibility of hazardous reactions</u>	None under normal processing.
<u>Hazardous Polymerization</u>	Hazardous polymerization does not occur.
<u>Conditions to avoid</u>	Heat, flames and sparks.
<u>Incompatible materials</u>	Strong oxidizing agents, Strong acids, Strong bases,
<u>Hazardous decomposition products</u>	Carbon oxides.

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.

LD50 Oral	2631 mg/kg; Acute toxicity estimate
LD50 Dermal	>10000 mg/kg; Acute toxicity estimate
Inhalation dust/mist	>20 mg/L; Acute toxicity estimate

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Allergic skin reactions or irritation. Eye irritation/reactions.

Delayed and immediate effects and also chronic effects from short and long term exposure

Respiratory or Skin Sensitization	May cause sensitization by skin contact.
Germ Cell Mutagenicity	No information available.

Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen.
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration Hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid contaminating the earth as well as surface and ground water. 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.

Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.
<u>Other Adverse Effects</u>	No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	The product should be disposed of in accordance to local regulations. Avoid disposing into drainage systems and into the environment.
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14. TRANSPORT INFORMATION

DOT

UN-Number	Not Classified
Proper shipping name	Not Classified
Hazard Class	Not Classified
Packing Group	Not Classified

MEX

UN-Number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (Contains: Cineole)
Hazard Class	3
Packing Group	III

IATA

UN-Number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (Contains: Cineole)
Hazard Class	3
Packing Group	III
ERG Code	3L

IMDG/IMO

UN-Number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (Contains: Cineole)
Hazard Class	3
Packing Group	III
Description	Marine Pollutant

15. REGULATORY INFORMATION

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

3-methylbutyl acetate 123-92-2

U.S. State Regulations**California Proposition 65**

This product contains the following ingredients known to State of California to cause cancer, birth defects, or any other reproductive defects:

7-Methyl-3-methyleneocta-1,6-diene	123-35-3
4-Allyl-1,2-dimethoxybenzene via natural sources	93-15-2
1-Allyl-4-methoxybenzene via natural sources	140-67-0

U.S. State Right-to-Know Regulations

(R)-p-Mentha-1,8-diene 5989-27-5

This product contains the following ingredients listed in the Massachusetts Right to Know Act:

Hexyl acetate	142-92-7
3-methylbutyl acetate	123-92-2
(R)-p-Mentha-1,8-diene	5989-27-5
1-Isopropyl-4-methylbenzene	99-87-6
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8

This product contains the following ingredients listed in the Pennsylvania Right to Know Act:

3-methylbutyl acetate	123-92-2
(R)-p-Mentha-1,8-diene	5989-27-5
1-Isopropyl-4-methylbenzene	99-87-6
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8

This product contains the following ingredients listed in the New Jersey Right to Know Act:

3-methylbutyl acetate	123-92-2
2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane	79-92-5
(R)-p-Mentha-1,8-diene	5989-27-5
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8

This product contains the following ingredients listed in the Minnesota Right to Know Act:

(R)-p-Mentha-1,8-diene	5989-27-5
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This product contains the following ingredients listed on the California Cleaning Products Right to Know Act:

7-Methyl-3-methyleneocta-1,6-diene	123-35-3
4-Allyl-1,2-dimethoxybenzene via natural sources	93-15-2
1-Allyl-4-methoxybenzene via natural sources	140-67-0

This product contains the following ingredients listed on the California Flavour and Fragrance Right to Know

3,7-Dimethylocta-1,6-dien-3-ol	78-70-6
(R)-p-Mentha-1,8-diene	5989-27-5
3,7-Dimethylocta-2,6-dienal	5392-40-5
7-Methyl-3-methyleneocta-1,6-diene	123-35-3

3,7-Dimethylocta-2,6-dien-1-ol	106-24-1
2H-Chromen-2-one	91-64-5
4-Allyl-1,2-dimethoxybenzene via natural sources	93-15-2
4-Allyl-2-methoxyphenol	97-53-0
1-Allyl-4-methoxybenzene via natural sources	140-67-0
3,7-Dimethyloct-6-en-1-ol	106-22-9
3,7,11-Trimethyldodeca-2,6,10-trien-1-ol	4602-84-0

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazard 0	Flammability 0	Instability 0
<u>HMIS</u>	Health Hazard 0	Flammability 0	Physical Hazard 0
	16-Aug-2013		
Issuing Date			
Revision Date	26-Feb-2023		
Revision Note	Update to Format.		

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