



## Fragrance Delivery Technologies Ltd.

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# SAFETY DATA SHEET

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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 Charm Oxygen-Pro Regular Cartridge

**Charm Oxygen-Pro Grande Cartridge** 

Charm VIVA!e

Other means of identification

UN-Number UN1197

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** 

**Chemical Emergency Phone Number:** 

Chemtrec1-800-424-9300 for US/ 703-527-3887 outside US

## 2. HAZARDS IDENTIFICATION

#### Classification

## This product is classified under 29CFR 1910.1200(d) as follows:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Class and category of Flammable Liquid, Hazard Category 3 danger:

Skin Corrosion / Irritation Category 2

Eye Damage / Irritation Category 2 Sensitization - Skin Category 1 Toxic to Reproduction Category 2

Aspiration Hazard Category 1

H226, Flammable liquid and vapour.

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.

H361, Suspected of damaging fertility or the unborn child.

#### Label elements

Signal word: Danger

**Hazard statements:** H226, Flammable liquid and vapour.

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.

H361, Suspected of damaging fertility or the unborn child.

Precautionary statements:

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.

P233, Keep container tightly closed.

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.

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

P280, Wear protective gloves/eye protection/face protection.

P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

P331, Do not induce vomiting.

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.

P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P403/235, Store in a well-ventilated place. Keep cool.

P405, Store locked up.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.





Other hazards:

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### **Mixtures**

### **Contains:**

Name	CAS	%	GHS Classification
LIMONENE	5989-27-5	20-<50%	FL 3-SCI 2-SS 1B-AH 1;H226-H304- H315-H317
LINALOOL	78-70-6	10-<20%	FL 4-SCI 2-EDI 2A-SS 1B;H227-H315- H317-H319
DIETHYL MALONATE	105-53-3	1-<5%	FL 4-EDI 2A;H227-H319
TETRAHYDRO-METHYL- (METHYLPROPYL)-PYRAN-4-OL	63500-71-0	1-<5%	EDI 2A;H319
ALLYL CAPROATE	123-68-2	1-<5%	FL 4-ATO 3-ATD 3-ATI 3;H227-H301- H311-H331
ETHYL BUTYRATE	105-54-4	1-<5%	FL 3-EDI 2A;H226-H319
DIMETHYL HEPTENAL	106-72-9	1-<5%	FL 4-SS 1B;H227-H317
GERANIOL	106-24-1	1-<5%	SCI 2-EDI 1-SS 1;H315-H317-H318
PHENYLETHYL ACETATE	103-45-7	1-<5%	EDI 1;H318
ETHYL HYDROXYPYRONE	4940-11-8	1-<5%	ATO 4-CD 1;H302
DIMETHYL-3-CYCLOHEXENE-1- CARBALDEHYDE	27939-60-2	1-<5%	FL 4-SCI 2-EDI 2A-SS 1B;H227-H315- H317-H319
MELOZONE	30772-79-3	0.1-<1%	SS 1B;H317
2-ETHYL-N-METHYL-N-(3- METHYLPHENYL)BUTANAMIDE	406488-30-0	0.1-<1%	ATO 4-ATI 4-SCI 2-EDI 2A-SS 1;H302- H315-H317-H319-H332
DELTA-DAMASCONE	57378-68-4	0.1-<1%	ATO 4-SCI 2-SS 1A;H302-H315-H317
P-CYMENE	99-87-6	0.1-<1%	FL 3-ATI 3-REP 2-AH 1;H226-H304- H331-H361
TETRAHYDRO-4-METHYL-2-(2- METHYLPROP-1-ENYL)PYRAN	16409-43-1	0.1-<1%	FL 4-SCI 2-EDI 2A-REP 2;H227-H315- H319-H361
ALPHA-PINENES	80-56-8	0.1-<1%	FL 3-ATO 4-SCI 2-SS 1B-AH 1;H226- H302-H304-H315-H317
3-CARENE	13466-78-9	0.1-<1%	FL 3-ATI 4-SCI 2-SS 1-AH 1;H226- H304-H315-H317-H332
METHYL BENZODIOXEPINONE	28940-11-6	0.1-<1%	SCI 1B-EDI 1-STO-SE 3(NE);H314- H336

The exact percentage concentrations of components are being withheld as a trade secret.

## **4. FIRST-AID MEASURES**

## **Description of first aid measures**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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

IF exposed or concerned: Get medical advice/attention.

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

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child.

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

Treat symptomatically

## **5. FIRE-FIGHTING MEASURES**

### **Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

### Specific hazards arising from the chemical

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

### **Protective Equipment and Precautions for Firefighters**

In case of insufficient ventilation, wear suitable respiratory equipment.

### **6. ACCIDENTAL RELEASE MEASURES**

### Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Keep away from heat, sparks, open flames Yes and hot surfaces. - No smoking.:

### Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving SDS

equipment.:

Use only non-sparking tools.: SDS Take precautionary measures against static Yes

discharge.:

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Control parameters**

### **Exposure guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Other exposure guidelines

No information available

#### **Exposure controls**

#### **Engineering measures**

Showers, eyewash stations, ventilation systems.

### Individual protection measures, such as personal protective equipment

#### **Eye/Face and Skin Protection**

Wear protective gloves/eye protection/face protection, and suitable protective clothing

#### Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

## Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

## Physical and chemical properties

**Appearance:** Clear pale red to red liquid

Odor:

Odor threshold:

Not determined

PH:

Not determined

Flash point: 127 °F

**Evaporation rate:**Not determined
Flammability (solid, gas):
Not determined

Upper/lower flammability or explosive limits: Product does not present an explosion hazard

Vapor pressure: 1.13347317 mmHg

Vapor density:Not determinedRelative density:0.8740 - 0.8780Solubility(ies):Not determinedPartition coefficient: n-octanol/water:Not determinedAuto-ignition temperature:Not determinedDecomposition temperature:Not determinedViscosity:Not determined

Other information:

None available

### **10. STABILITY AND REACTIVITY**

### **Reactivity:**

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

### **Chemical stability:**

Good stability under normal storage conditions.

### Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### Conditions to avoid:

Avoid extreme heat.

## **Incompatible materials:**

Avoid contact with strong acids, alkalis or oxidising agents.

## **Hazardous decomposition products:**

Not expected.

## **11. TOXICOLOGICAL INFORMATION**

## Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in 29 CFR 1910.1200.

**Acute Toxicity:** Based on available data the classification criteria are not met.

Acute Toxicity Oral >5000
Acute Toxicity Dermal >5000

Acute Toxicity Inhalation Not Available

Skin corrosion/irritation:Skin Corrosion / Irritation Category 2Serious eye damage/irritation:Eye Damage / Irritation Category 2Respiratory or skin sensitisation:Sensitization - Skin Category 1

**Germ cell mutagenicity:**Based on available data the classification criteria are not met.

**Carcinogenicity:** Based on available data the classification criteria are not met.

**Reproductive toxicity:** Toxic to Reproduction Category 2

**STOT-single exposure:**Based on available data the classification criteria are not met. **STOT-repeated exposure:**Based on available data the classification criteria are not met.

**Aspiration hazard:** 

Additional Information None available

## **12. ECOLOGICAL INFORMATION**

### **Ecotoxicity:**

Very toxic to aquatic life.

Harmful to aquatic life with long lasting effects.

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effects: Not available

## 13. DISPOSAL CONSIDERATIONS

## **Waste treatment**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## **14. TRANSPORT INFORMATION**

**14.1 UN number:** UN1197

14.2 UN Proper Shipping Name: EXTRACTS, LIQUID

14.3 Transport hazard class(es): 3

Sub Risk:

14.4. Packing Group:

**Environmental hazards:** This is an environmentally hazardous substance.

Special precautions for user: None additional

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

## **Additional information**

None additional

## **16. OTHER INFORMATION**

**Concentration % Limits:** SCI 2=17.62% EDI 2=21.36% SS 1=2.71% REP 2=33.33% Asp. Tox. 1;

H304; C27.08%

**Total Fractional Values:** SCI 2=5.67 EDI 2=4.68 SS 1=36.93 REP 2=3.00 Asp. Tox. 1; H304; C3.69

Key to revisions:

14.1. UN number

14.2. UN proper shipping name

Concentration % Limits

SECTION 3: Composition/information on ingredients

**Total Fractional Values** 

## Key to abbreviations:

Abbreviation	Meaning	
AH 1	Aspiration Hazard Category 1	
ATD 3	Acute Toxicity - Dermal Category 3	
ATI 3	Acute Toxicity - Inhalation Category 3	
ATI 4	Acute Toxicity - Inhalation Category 4	
ATO 3	Acute Toxicity - Oral Category 3	
ATO 4	Acute Toxicity - Oral Category 4	
CD 1	Combustible Dusts — Category 1	
CD 1H	May form combustible dust concentrations in air	
EDI 1	Eye Damage / Irritation Category 1	
EDI 2A	Eye Damage / Irritation Category 2A	
FL 3	Flammable Liquid, Hazard Category 3	
FL 4	Flammable Liquid, Hazard Category 4	
H226	Flammable liquid and vapour.	
H227	Combustible liquid.	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	
H311	Toxic in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	
H331	Toxic if inhaled.	
H332	Harmful if inhaled.	
H336	May cause drowsiness or dizziness.	
H361	Suspected of damaging fertility or the unborn child.	
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.	

P233	Keep container tightly closed.		
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.		
P260	Do not breathe vapour or dust.		
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.		
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.		
P301/330/331	If swallowed: Rinse mouth. Do not induce vomiting.		
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.		
P310	Immediately call a POISON CENTER or doctor/physician.		
P311	Call a POISON CENTRE or doctor/physician.		
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.		
P361	Remove/Take off immediately all contaminated clothing.		
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.		
P403/233	Store in a well-ventilated place. Keep container tightly closed.		
P403/235	Store in a well-ventilated place. 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 1B	Skin Corrosion / Irritation Category 1B		
SCI 2	Skin Corrosion / Irritation Category 2		
SS 1	Sensitization - Skin Category 1		
SS 1A	Sensitization - Skin Category 1A		
SS 1B	Sensitization - Skin Category 1B		
STO-SE 3(NE)	Specific Target Organ Toxicity (Single Exposure) Category 3		

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.