

**Fragrance Delivery Technologies Ltd.**

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**SAFETY DATA SHEET****Issuing Date** 16-Aug-2013**Revision Date** 26-Feb-2023**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**  
Tang Oxygen-Pro Regular Cartridge  
Tang Oxygen-Pro Grande Cartridge  
Tang 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](mailto:info@oxygenpowered.com)

**Emergency telephone number**

**Chemical Emergency Phone Number:** Chemtrec: 1-800-424-9300 for US/ 703-527-3887 outside US

**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.

Skin Irritation	Category 2
Eye Irritation	Category 2A
Skin Sensitization	Category 1
Flammable liquids	Category 3

**Label Elements****Warning****Hazard Statements**

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

Flammable liquid and vapor.

**Physical and Health Hazards Not Otherwise Classified**

Not applicable.

**Precautionary Statements****Prevention**

- Wash face, hands and any exposed skin thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- 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.

**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.

**Other information**

None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

The individual chemical identities of the ingredients of this mixture are considered to be proprietary information and trade secrets in accordance with paragraph (i) of §1910.1200. As such they are withheld in accordance with the provisions of the law. Certain hazardous substances are listed in the Exposure Controls/Personal Protection section.

<u>Conc. %</u>	<u>Description</u>	<u>CAS</u>	<u>Classification 1910.1200 2015</u>
25-50	1-Decanal	112-31-2	H227, H319
10-25	3,7-Dimethylocta-2,6-dienal	5392-40-5	H315, H317, H319
2.5-10	Octanal	124-13-0	H226, H315, H319
2.5-10	1-Phenylethyl acetate	93-92-5	H227
2.5-10	(R)-p-Mentha-1,8-diene	5989-27-5	H226, H304, H315, H317
2.5-10	Ethyl butyrate	105-54-4	H226, H319
2.5-10	Ethyl 2-methylbutanoate	7452-79-1	H226
2.5-10	Hexyl acetate	142-92-7	H226
2.5-10	3,7-Dimethylnona-2,6-dienenitrile	61792-11-8	H227
2.5-10	3,7-dimethyloct-6-en-1-al	106-23-0	H227, H315, H317, H319
1.0-2.5	Allyl (3-methylbutoxy)acetate	67634-00-8	H227, H302, H315, H330
1.0-2.5	dodecanal	112-54-9	H315, H317, H319
< 1.0	2,4-Dimethylcyclohex-3-ene-1-carbaldehyde	68039-49-6	H227, H315, H317, H319
< 1.0	1,3,3-Trimethylbicyclo[2.2.1]heptan-2-ol	1632-73-1	H315, H319
< 1.0	2-Methyldecanal	19009-56-4	H227, H315, H317
< 1.0	Dec-4-enal	65405-70-1	H227
< 1.0	5(Or 6)-Methyl-7(or 8)-(1-methylethyl)bicyclo[2.2.2]oct-5-ene-2-carbaldehyde	68259-31-4	H317
< 1.0	2,6-Dimethylhept-5-enal	106-72-9	H227, H317
< 1.0	7-Methyl-3-methyleneocta-1,6-diene	123-35-3	H226, H304, H315, H319
<0.001	Toluene impurity	108-88-3	H225, H304, H315, H336, H361, H373

### 4. FIRST AID MEASURES

#### Description of necessary 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. Get medical attention if irritation persists.
<b>Skin Contact</b>	Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
<b>Ingestion</b>	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if 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.

#### 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 (CO<sub>2</sub>). 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. 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
Toluene impurity	TWA: 50 ppm 191 mg/m <sup>3</sup>	-	-

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**

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.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid.	<b>Appearance</b>	Clear yellow
<b>Odor</b>	Characteristic.	<b>Odor Threshold</b>	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	59°C / 138.2 °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	0.87	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

<b>Oxidizing Properties</b>	No data available
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**Other information**

<b>VOC Content (%)</b>	No data available
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**10. STABILITY AND REACTIVITY**

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

**Information on toxicological effects**

ATE Dermal: &gt;10000

ATE Oral: &gt;10000

ATE Vapor: &gt;20

**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.

<b>Persistence and Degradability</b>	No information available.
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<b>Bioaccumulation</b>	No information available.
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<b>Mobility</b>	No information available.
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<b><u>Other Adverse Effects</u></b>	No information available.
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**13. DISPOSAL CONSIDERATIONS**

The product should be disposed of in accordance to 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.

**14. TRANSPORT INFORMATION****DOT**

<b>UN-Number</b>	Not regulated
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<b>Proper shipping name</b>	Not regulated
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<b>Hazard Class</b>	Not regulated
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<b>Packing Group</b>	Not regulated
<b><u>MEX</u></b>	
<b>UN-Number</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquid, n.o.s. (Contains: Octanal)
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b><u>IATA</u></b>	
<b>UN-Number</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquid, n.o.s. (Contains: Octanal)
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>ERG Code</b>	3L
<b><u>IMDG/IMO</u></b>	
<b>UN-Number</b>	UN1993
<b>Proper Shipping Name</b>	Flammable liquid, n.o.s. (Contains: Octanal)
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Marine Pollutant</b>	Yes

## 15. REGULATORY INFORMATION

### International Regulations

<b>Ozone depleting substances</b>	Not applicable
<b>Persistent Organic Pollutants</b>	Not applicable
<b>Hazardous Waste</b>	Not applicable
<b>The Rotterdam Convention (Prior Informed Consent)</b>	Not applicable
<b>International Convention for the Prevention of Pollution from Ships (MARPOL)</b>	Not applicable

### International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>EINECS</b>	Complies

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

### 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

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

### 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

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

## **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-methylenecycloocta-1,6-diene	123-35-3
1-Allyl-4-methoxybenzene via natural sources	140-67-0
Toluene impurity	108-88-3

### **U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

## **16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazard</b> 0	<b>Flammability</b> 0	<b>Reactivity</b> 0	<b>Physical and Chemical Hazards</b> -
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<b><u>HMIS</u></b>	<b>Health Hazard</b> 0	<b>Flammability</b> 0	<b>Physical Hazard</b> 0	<b>Personal Protection</b> X
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*\*Indicates a chronic health hazard.*

<b>Issuing Date</b>	16-Aug-2013
<b>Revision Date</b>	26-Feb-2023
<b>Revision Note</b>	Update to Formula.

### **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**