

**Fragrance Delivery Technologies Ltd.**

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# SAFETY DATA SHEET

**Issuing Date** 26-Jul-2017

**Revision Date** 26-Jul-2017

**Revision Number** 0

*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** Oxygen-Pro Grande Cartridge Neutra-lox Super

### Other means of identification

**UN-Number** NA1993

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Fragrance

**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:** 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 Corrosion/Irritation         | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 2 |
| Skin Sensitization                | Category 1 |
| Flammable liquids                 | Category 4 |

### Label Elements

#### Signal Word

Warning



#### Hazard Statements

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction Combustible liquid.

**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.
- 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 ON SKIN: Wash with plenty of soap and water.
- Take off contaminated clothing and wash before reuse.

- If skin irritation or rash occurs: Get medical advice/attention.

**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**

Harmful to aquatic life with long lasting effects.

**Unknown acute toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                       | CAS-No     | Weight %     | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|-------------------------------------|------------|--------------|--|---|
| Dipropylene glycol monomethyl ether | 34590-94-8 | >= 70 - < 90 | -  | -   |
| Linalool                            | 78-70-6    | >= 10 - < 20 | -  | -   |
| Citral                              | 5392-40-5  | >= 0,1 - < 1 | -  | -   |

**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. If eye irritation persists: Get medical advice/attention.
- Skin Contact** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
- Inhalation** If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- Ingestion** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** Irritation. Rashes. Itching.

**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>). Dry chemical. Alcohol-resistant foam.

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

**Specific Hazards Arising from the Chemical** Combustible liquid. Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.).

#### Explosion Data

**Sensitivity to Mechanical Impact** None. **Sensitivity to Static Discharge**  
None.

**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** Keep away from flames and hot surfaces - No smoking. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and clothing. Wear protective gloves/clothing and eye/face protection.

### Environmental Precautions

**Environmental Precautions** Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

### Methods and materials for containment and cleaning up

**Methods for Containment** A vapor suppressing foam may be used to reduce vapors.

**Methods for Cleaning Up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Use personal protective equipment. Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Keep away from flames and hot surfaces - No smoking. Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

### Conditions for safe storage, including any incompatibilities

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

**Incompatible Products** Strong acids. Alkaline.

## 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  |
|---|---|---|---|
| Dipropylene glycol monomethyl ether<br>34590-94-8 | STEL: 150 ppm TWA:<br>100 ppm S*              | TWA: 100 ppm<br>TWA: 600 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 600 mg/m <sup>3</sup><br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 900 mg/m <sup>3</sup><br>(vacated) S* S* | IDLH: 600 ppm<br>TWA: 100 ppm TWA:<br>600 mg/m <sup>3</sup> STEL:<br>150 ppm<br>STEL: 900 mg/m <sup>3</sup> |
| Citral 5392-40-<br>5                              | TWA: 5 ppm inhalable fraction<br>and vapor S* | -   | -   |

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

|                             |  |
|-----------------------------|--|
| <b>Engineering Measures</b> | Showers<br>Eyewash stations<br>Ventilation systems |
|-----------------------------|--|

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

|                                 |   |
|---------------------------------|---|
| <b>Eye/Face Protection</b>      | Tightly fitting safety goggles.   |
| <b>Skin and Body Protection</b> | Wear protective gloves/clothing.  |
| <b>Respiratory Protection</b>   | 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. |
| <b>Hygiene Measures</b>         | When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Contaminated work clothing should not be allowed out of the workplace. Wash face, hands and any exposed skin thoroughly after handling. Provide regular cleaning of equipment, work area and clothing.                     |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                                |                       |                           |
|-----------------------|--------------------------------|-----------------------|---------------------------|
| <b>Physical State</b> | Liquid.                        | <b>Appearance</b>     | Colorless to yellowish.   |
| <b>Odor</b>           | Citrus-like, Aromatic, Floral. | <b>Odor Threshold</b> | No information available. |

| <u>Property</u> | <u>Values</u>     | <u>Remarks/ - Method</u> |
|-----------------|-------------------|--------------------------|
| pH              | 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>                            | 79 °C / 172.4 °F                      | Grabner miniflash closed cup |                         |
| <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>             |                                       |                              |                         |
| <b>upper flammability limit</b>               | No data available                     |                              |                         |
| <b>lower flammability limit</b>               | No data available                     |                              |                         |
| <b>Vapor Pressure</b>                         | 0,2979 hPa at 20 °C Calculated (100,0 | None known                   |                         |
|   | Practically insoluble                 | None known                   |                         |
|   | No data available                     | None known                   | <b>Vapor Density</b>    |
| <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>Relative Density</b> |
| <b>Decomposition Temperature</b>              | No data available                     | None known                   |                         |
| <b>Viscosity</b>                              | No data available                     | None known                   | <b>Specific Gravity</b> |
|   |                                       |                              | <b>Water Solubility</b> |
|   |                                       |                              | %)                      |
|   |                                       |                              | No data available       |
|   |                                       |                              | No data available       |
| <b>Flammable Properties</b>                   | Not flammable                         |                              | No data available       |
|   |                                       |                              | None known              |
| <b>Explosive Properties</b>                   | No data available                     |                              | None known              |
| <b>Oxidizing Properties</b>                   | No data available                     |                              | None known              |
| <b><u>Other information</u></b>               |                                       |                              |                         |
| <b>VOC Content (%)</b>                        | No data available                     |                              |                         |

## 10. STABILITY AND REACTIVITY

**Reactivity** No data available.

Stable under recommended storage conditions.

**Chemical stability**

None under normal processing.

**Possibility of hazardous reactions**

Hazardous polymerization does not occur.

**Hazardous Polymerization**

High temperatures. Heat, flames and sparks.

**Conditions to avoid**

**Incompatible materials**

Strong acids. Alkaline.

**Hazardous decomposition products** None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

There is no data available for this product

**Inhalation**

There is no data available for this product.

**Eye Contact**

Causes serious eye irritation.

**Skin Contact**

Causes skin irritation.

**Ingestion**

There is no data available for this product.

**Numerical measures of toxicity - Product**

**Unknown acute toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity. *The following values are calculated based on chapter 3.1 of the GHS document:*

**LD50 Oral** 4047 mg/kg; Acute toxicity estimate

**LD50 Dermal** 7671 mg/kg; Acute toxicity estimate

**Component Information**

| Chemical Name                       | LD50 Oral            | LD50 Dermal             | LC50 Inhalation |
|-------------------------------------|----------------------|-------------------------|-----------------|
| Dipropylene glycol monomethyl ether | = 5400 µL/kg ( Rat ) | = 9500 mg/kg ( Rabbit ) | -               |
| Citral                              | = 4960 mg/kg ( Rat ) | = 2250 mg/kg ( Rabbit ) | -               |

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms**

Eye irritation/reactions. Allergic skin reactions or irritation.

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

**Respiratory or Skin Sensitization**

No information available.

**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

Harmful to aquatic life with long lasting effects.

| Chemical Name                                     | Toxicity to Algae  | Toxicity to Fish                                     | Toxicity to Microorganisms | Daphnia Magna (Water Flea)             |
|---|--|--|----------------------------|--|
| Dipropylene glycol monomethyl ether<br>34590-94-8 |  | LC50 96 h: > 10000 mg/L static (Pimephales promelas) |                            | LC50 48 h: = 1919 mg/L (Daphnia magna) |
| Linalool 78-706                                   | 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)   |
| Citral 5392-40-5                                  | EC50 72 h: = 16 mg/L (Desmodesmus subspicatus)<br>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)    |

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

| Chemical Name                       | Log Pow |
|-------------------------------------|---------|
| Dipropylene glycol monomethyl ether | -0.064  |
| Linalool                            | 3.1     |
| Citral                              | 2.76    |

**Mobility** No information available.

No information available.

### Other Adverse Effects

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods** Dispose of in accordance with local regulations.

**Contaminated Packaging** Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

## 14. TRANSPORT INFORMATION

**Note:** According to 49 CFR §173.150(f)(1), this material should be reclassified as NA1993, Combustible Liquid, NOS if it is shipped in bulk.

### DOT

|                             |   |
|-----------------------------|---|
| <b>UN-Number</b>            | NA1993                                  |
| <b>Proper shipping name</b> | COMBUSTIBLE LIQUID, N.O.S.              |
| <b>Hazard Class</b>         | Combustible liquid                      |
| <b>Packing Group</b>        | III                                     |
| <b>Description</b>          | NA1993, COMBUSTIBLE LIQUID, N.O.S., III |

|  |               |
|--|---------------|
| <b>Emergency Response Guide Number</b> | 128           |
| <b>TDG</b>                             | Not regulated |
| <b>MEX</b>                             | Not regulated |

## 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 |

### 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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name                       | CAS-No     | Weight % | SARA 313 - Threshold Values % |
|-------------------------------------|------------|----------|-------------------------------|
| Dipropylene glycol monomethyl ether | 34590-94-8 | 89.99    | 1.0                           |

### SARA 311/312 Hazard Categories

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire Hazard</b>                       | Yes |
| <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 does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

| Chemical Name                       | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|-------------------------------------|------------|---------------|--------------|----------|--------------|
| Dipropylene glycol monomethyl ether | X          | X             | X            | X        | X            |

### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

## 16. OTHER INFORMATION

### NFPA

Health Hazard 2

Flammability 2

Health Hazard 2\*

Flammability 2

### HMIS

\*Indicates a chronic health hazard.

### **Prepared By**

Product Stewardship  
23 British American Blvd.  
Latham, NY 12110 1-800-572-6501

### **Issuing Date**

26-Jul-2017

### **Revision Date**

26-Jul-2017

### **Revision Note**

Initial Release.

### General Disclaimer

Instability 0

Physical and Chemical

Hazards -

Physical Hazard 0

Personal Protection X

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**