



**HOSPECO**

# Glow Oxygen Refill

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## SAFETY DATA SHEET

### Section 1. Identification

**Product identifier** Neutra-Lox Refill (7880)

*Contains Linalool*

**Product Use** For neutralizing odors

**Supplier** HOSPECO PTY LTD

**Address** 17 Elizabeth St. Wetherill Park NSW 2164

**Telephone** 1300 46 77 32

**Emergency Number** 1800 638 556

### Section 2. Hazards identification

#### Classification of the substance or mixture

##### REGULATION (EC) No 1272/2008

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Skin Sensitization	Category 1
Chronic Aquatic Toxicity	Category 3

None

#### Physical Hazards

#### Label Elements



**Signal Word**

**Warning**

**Hazard Statements**

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

Contains Citral

**Precautionary Statements - EU (§28, 1272/2008)**

P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention

**Other information**

No information available.

**Section 3. Composition/information on ingredients**

**Substances**

**Mixtures**

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Linalool	201-134-4	78-70-6	>= 10 - < 20	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)	No data available
Citral	226-394-6	5392-40-5	>= 0,1 - < 1	Skin Irrit. 2 (H315) Skin Sens. 1 (H317)	No data available

For the full text of the H-Statements mentioned in this Section, see Section 16

## Section 4. First aid measures

### 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. 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.

**Ingestion** IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.

**Inhalation** If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

**Protection of First-aiders** Use personal protective equipment.

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

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

### Indication of immediate medical attention and special treatment needed

**Notes to Physician** May cause sensitization by skin contact. Treat symptomatically

## Section 5. Fire-fighting measures

### Extinguishing media

#### Suitable Extinguishing Media

Use: Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Alcohol-resistant foam.

#### Extinguishing media which must not be used for safety reasons

No information available.

### Special hazards arising from the substance or mixture

#### Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Combustible liquid. Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.).

### 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

### Personal precautions, protective equipment and emergency procedures

Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid contact with the skin and the eyes.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system.

### Methods and materials for containment and cleaning up

A vapor suppressing foam may be used to reduce vapors.

Dam 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.

### Reference to other sections

See Section 12 for additional information.

## Section 7. Handling and storage

### Precautions for Safe Handling

#### Handling

Ensure adequate ventilation. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray Wear personal protective equipment. Avoid contact with skin, eyes and clothing.

### Hygiene Measures

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

### Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool.

### Specific end use(s)

#### Exposure Scenario

No information available.

#### Other Guidelines

No information available.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

Chemical Name	Ireland	Italy	Lithuania	Luxembourg	Malta
Citral 5392-40- 5		TWA: 5 ppm TWA: 31 mg/m <sup>3</sup> Skin Sen* Carc *			
Chemical Name	The Netherlands	Norway	Poland	Portugal	Spain
Citral 5392-40- 5			TWA: 27 mg/m <sup>3</sup> STEL: 54 mg/m <sup>3</sup>	Sen*	TWA: 5 ppm Skin

### Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

**Derived No Effect Level** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

### Exposure controls

#### Engineering Measures

Showers, eyewash stations, and ventilation systems.

#### Personal protective equipment

Personal protection equipment should be chosen according to the CEN standards

##### Eye Protection

Tightly fitting safety goggles.

##### Skin and Body Protection

Wear protective

##### gloves/clothing. Hand Protection

Protective gloves.

##### Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### Environmental Exposure Controls

Do not allow material to contaminate ground water system

## Section 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Physical State** Liquid  
**Odor** Citrus-like, Aromatic, Floral  
**Appearance** Colorless to yellowish

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
<b>pH</b>	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	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>	No data available	None known
<b>Vapor Pressure</b>	0,2979 hPa at 20 °C Calculated (100,0	None known %)
<b>Vapor Density</b>	No data available.	None known
<b>Relative Density</b>	No data available	None known
<b>Water Solubility</b>	Practically insoluble	None known
<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>Decomposition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	None known
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	
<b>Other information</b>		
<b>VOC Content (%)</b>	No information available	

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## Section 10. Stability and reactivity

### Reactivity

No data available.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

Hazardous polymerization does not occur.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials

Strong acids. Alkaline materials.

### Hazardous decomposition products

Carbon oxides.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute Toxicity

##### Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

##### Inhalation

There is no data available for this product.

##### Eye Contact

Causes serious eye irritation.

##### Skin Contact

Irritating to skin. Causes skin irritation.

##### Ingestion

There is no data available for this product.

**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** 4,047.00 mg/kg  
**LD50 Dermal** 7,671.00 mg/kg  
**Inhalation** No information available.

**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 )	

**Sensitization** May cause an allergic skin reaction.  
**Mutagenic Effects** No information available.  
**Carcinogenic Effects** No information available.

**Reproductive Toxicity** No information available.  
**Developmental Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Target Organ Effects** Eyes. Respiratory system. Skin.  
**Aspiration Hazard** No information available.

**Section 12. Ecological information**

**Toxicity**

**Ecotoxicity Effects**  
 Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Linalool	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	EC50 72 h: = 16 mg/L (Desmodesmus subspicatus) 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.

**Bioaccumulative potential**

No information available.

Chemical Name	Log Pow
Linalool	3.1
Citral	2.76



**Mobility in soil**

Adsorbs on soil.

**Results of PBT and vPvB assessment**

No information available.

**Other adverse effects**

This product does not contain any known or suspected endocrine disruptors.

### Section 13. Disposal considerations

**Waste treatment methods**

**Waste from Residues / Unused Products** 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. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Other Information** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

### Section 14. Transport information

**IMDG/IMO**

<b>14.1. UN-Number</b>	Not regulated.
<b>14.2. Proper Shipping Name</b>	Not regulated.
<b>14.3. Hazard Class</b>	Not regulated.
<b>14.4. Packing Group</b>	Not regulated.
<b>Description</b>	Not applicable.
<b>14.5. Marine Pollutant</b>	None
<b>14.6. Special Provisions</b>	None
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available.

**RID**

<b>14.1. UN-Number</b>	Not regulated.
<b>14.2. Proper Shipping Name</b>	Not regulated.
<b>14.3. Hazard Class</b>	Not regulated.
<b>14.4. Packing Group</b>	Not regulated.
<b>Description</b>	Not applicable.
<b>14.5. Environmental hazard</b>	None
<b>14.6. Special Provisions</b>	None

**ADR**

<b>14.1. UN-Number</b>	Not regulated.
<b>14.2. Proper Shipping Name</b>	Not regulated.
<b>14.3. Hazard Class</b>	Not regulated.
<b>14.4. Packing Group</b>	Not regulated.
<b>Description</b>	Not applicable.
<b>14.5. Environmental hazard</b>	None
<b>14.6. Special Provisions</b>	None

**ICAO**

<b>14.1. UN-Number</b>	Not regulated.
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14.2. Proper shipping name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None
14.6. Special Provisions	None

#### IATA

14.1. UN-Number	Not regulated.
14.2. Proper Shipping Name	Not regulated.
14.3. Hazard Class	Not regulated.
14.4. Packing Group	Not regulated.
Description	Not applicable.
14.5. Environmental hazard	None
14.6. Special Provisions	None

### Section 15. Regulatory information

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

#### International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical

Substances **AICS** - Australian Inventory of Chemical

Substances **KECL** - Korean Existing and Evaluated Chemical Substances

#### Chemical Safety Assessment

No information available

## Section 16. Other information

### Full text of H-Statements referred to under sections 2 and 3

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

### Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. It is the user's responsibility to determine the safe conditions of use.