



# Bloom Oxygen Refill

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**HOSPECO**

## SAFETY DATA SHEET

### Section 1. Identification

**Product identifier** Bloom Oxygen Refill (7837/7866)

*Contains D-Limonene, Linalool, p-Cresol*

*Contains p-Cresol, Linalool, D-Limonene*

**Product Use** Air freshener

**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 2

#### Physical Hazards

Flammable liquids	Category 3
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Pictogram



**Signal Word**

**Warning**

**Hazard Statements**

- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- H411 - Toxic to aquatic life with long lasting effects
- H226 - Flammable liquid and vapor
- EUH210 - Safety data sheet available on request

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

- P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention
- P337 + P313 - If eye irritation persists: Get medical advice/ attention
- P370 + P378 - In case of fire: Use carbon dioxide, alcohol-resistant foam, or water spray for extinction

**Precautionary Statements**

- P271 - Use only outdoors or in a well-ventilated area
- P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
- P332 + P313 - If skin irritation occurs: Get medical advice/ attention
- P362 - Take off contaminated clothing and wash before reuse
- P264 - Wash face, hands and any exposed skin thoroughly after handling
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P337 + P313 - If eye irritation persists: Get medical advice/ attention
- P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray
- P272 - Contaminated work clothing should not be allowed out of the workplace
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/ attention
- P363 - Wash contaminated clothing before reuse
- P273 - Avoid release to the environment
- P501 - Dispose of contents/ container to an approved waste disposal plant
- P391 - Collect spillage
- P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P233 - Keep container tightly closed
- P240 - Ground/Bond container and receiving equipment
- P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment
- P242 - Use only non-sparking tools
- P243 - Take precautionary measures against static discharge
- P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection
- P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower
- P403 + P235 - Store in a well-ventilated place. Keep cool
- P304 + P312 - IF INHALED: Call a POISON CENTER or doctor/ physician if you feel unwell

### Section 3. Composition/information on ingredients

#### Mixtures

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.
Methyl anthranilate	205-132-4	134-20-3	10-<15%	Eye Irrit. 2 (H319)	No data available
Linalool	201-134-4	78-70-6	10-<15%	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)	No data available
D-Limonene	227-813-5	5989-27-5	1-<3%	Skin Irrit. 2 (H315) Flam. Liq. 3 (H226) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available
p-Cresol	203-398-6	106-44-5	0.1-<1%	Acute Tox. 3 (H301) Acute Tox. 3 (H311) Skin Corr. 1B (H314)	01-2119448336-36-XX XX
Pin-2(3)-ene	201-291-9	80-56-8	<0.1%	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	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

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.
<b>Inhalation</b>	Move to fresh air.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Most Important Symptoms/Effects</b>	No information available.
<b>Indication of immediate medical attention and special treatment needed</b>	
<b>Notes to Physician</b>	Treat symptomatically.

## Section 5. Fire-fighting measures

### Extinguishing media

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

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

### Special hazards arising from the substance or mixture

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases** Flammable. Vapors or dust may form explosive mixtures with air. Vapors may accumulate in confined areas (basement, tanks, hopper/tank cars, etc.). Vapors may travel to source of ignition and flash back.

### 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

Ensure adequate ventilation.

### Environmental precautions

Prevent further leakage or spillage if safe to do so.

### Methods and materials for containment and cleaning up

Dike to collect large liquid spills.

Dam up. Soak up with inert absorbent material. Use personal protective equipment. Non-sparking tools should be used. 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.

#### Hygiene Measures

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

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

Keep container tightly closed in a dry and well-ventilated place.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Exposure Limits

Chemical Name	EU	Austria	Belgium	Cyprus	Denmark
p-Cresol 106-44-5	TWA 5 ppm existing scientific data on health effects appear to be particularly limited TWA 22 mg/m <sup>3</sup> existing scientific data on health effects appear to be particularly limited	STEL: 10 ppm STEL: 44 mg/m <sup>3</sup> TWA: 5 ppm TWA: 22 mg/m <sup>3</sup> Skin			TWA: 5 ppm TWA: 22 mg/m <sup>3</sup> Skin
Pin-2(3)-ene 80-56-8			TWA: 20 ppm		
Chemical Name	Finland	France	Germany	Gibraltar	Greece
D-Limonene 5989-27-5	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 50 ppm STEL: 280 mg/m <sup>3</sup>	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m <sup>3</sup>  Skin Repr* Sen*		
p-Cresol 106-44-5	TWA: 5 ppm TWA: 22 mg/m <sup>3</sup> STEL: 10 ppm STEL: 45 mg/m <sup>3</sup> Skin	TWA: 5 ppm TWA: 22 mg/m <sup>3</sup>	Carc* Skin		
Pin-2(3)-ene 80-56-8		TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>			
Chemical Name	Ireland	Italy	Lithuania	Luxembourg	Malta
p-Cresol 106-44-5	TWA: 5 ppm TWA: 22 mg/m <sup>3</sup> STEL: 15 ppm STEL: 66 mg/m <sup>3</sup> Skin	TWA: 20 mg/m <sup>3</sup> Skin			
Pin-2(3)-ene 80-56-8		TWA: 20 ppm TWA: 111 mg/m <sup>3</sup> Sen* Carc*	TWA: 25 ppm TWA: 150 mg/m <sup>3</sup> STEL: 50 ppm STEL: 300 mg/m <sup>3</sup>		
Chemical Name	The Netherlands	Norway	Poland	Portugal	Spain
D-Limonene 5989-27-5		TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 175 mg/m <sup>3</sup> Sen*			
p-Cresol 106-44-5	TWA: 22 mg/m <sup>3</sup> Skin	TWA: 5 ppm TWA: 22 mg/m <sup>3</sup> STEL: 5 ppm STEL: 22 mg/m <sup>3</sup> Skin	TWA: 22 mg/m <sup>3</sup>	TWA: 5 ppm Skin	TWA: 5 ppm TWA: 22 mg/m <sup>3</sup> Skin
Pin-2(3)-ene 80-56-8		TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 25 ppm STEL: 140 mg/m <sup>3</sup> Skin		TWA: 20 ppm Sen* Carc*	TWA: 20 ppm TWA: 113 mg/m <sup>3</sup> Sen*
Chemical Name	Switzerland	Sweden	The United Kingdom		
D-Limonene 5989-27-5	STEL: 14 ppm STEL: 80 mg/m <sup>3</sup>				

	TWA: 7 ppm TWA: 40 mg/m <sup>3</sup> Sen*		
p-Cresol 106-44-5	STEL: 5 ppm STEL: 22 mg/m <sup>3</sup> TWA: 5 ppm TWA: 22 mg/m <sup>3</sup> Skin	LLV: 1 ppm LLV: 4.5 mg/m <sup>3</sup> Indicative STLV: 2 ppm Indicative STLV: 9 mg/m <sup>3</sup> Skin	
Pin-2(3)-ene 80-56-8		LLV: 25 ppm LLV: 150 mg/m <sup>3</sup> Indicative STLV: 50 ppm Indicative STLV: 300 mg/m <sup>3</sup>	

**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** None under normal use conditions.  
**Personal protective equipment** Personal protection equipment should be chosen according to the CEN standards  
**Eye Protection** No special protective equipment required. If splashes are likely to occur, wear:. Goggles.  
**Skin and Body Protection** None required under normal usage. 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	Appearance	Clear pale red to red liquid
Odor	Characteristic		
Property	Values	Remarks/ - Method	
<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>	52 °C	None known	
<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>	No data available.	None known	
<b>Vapor Density</b>	No data available.	None known	
<b>Relative Density</b>	No data available	0.9380 - 0.9420	
<b>Water Solubility</b>	No data available	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>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		

## Section 10. Stability and reactivity

### Reactivity

No data available.

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

### Conditions to avoid

None known based on information supplied.

### Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

### Hazardous decomposition products

None under normal use.

## Section 11. Toxicological information

### Acute Toxicity

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation</b>	There is no data available for this product.
<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Causes skin irritation. May cause sensitization by skin contact.
<b>Ingestion</b>	There is no data available for this product.

**Acute Toxicity** 10.5399% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document:

<b>LD50 Oral</b>	2,351.00 mg/kg
<b>LD50 Dermal</b>	2,846.00 mg/kg
<b>Gas</b>	62,622.00 mg/L
<b>Dust/Mist</b>	4.45 mg/L
<b>Vapor</b>	99,999.00 mg/L

### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-Buten-1-ol, 3-methyl-, acetate	= 2900 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	
Methyl anthranilate	= 2910 mg/kg ( Rat )	> 5 g/kg ( Rabbit ) > 2000 mg/kg ( Rat )	
n-Hexyl acetate	= 36229 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	
Linalool	2790 mg/kg ( Rat )	5610 mg/kg ( Rat )	-
Indole	= 1 g/kg ( Rat )	= 790 mg/kg ( Rabbit )	
2-Octynoic acid, methyl ester	= 1530 mg/kg ( Rat )	= 3300 mg/kg ( Rabbit )	
Methyl salicylate	= 887 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	
Methyl benzoate	= 1177 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.57 mg/L ( Rat ) 8 h
D-Limonene	5000 mg/kg ( Rat )	>5000 mg/kg ( Rabbit )	-
Methyl para-cresol	= 1920 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	> 6.1 mg/L ( Rat ) 4 h
p-Cresol	= 207 mg/kg ( Rat )	= 300 mg/kg ( Rabbit )	> 710 mg/m <sup>3</sup> ( Rat ) 1 h
Terpinolene	= 4390 mg/kg ( Rat )		

<b>Sensitization</b>	May cause an allergic skin reaction.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenic Effects</b>	Contains no ingredients above reportable quantities listed as a carcinogen.
<b>Reproductive Toxicity</b>	No information available.
<b>Developmental Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.



## Section 12. Ecological information

### Toxicity

#### Ecotoxicity Effects

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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)
D-Limonene		LC50 96 h: 0.619 - 0.796 mg/L flow-through (Pimephales promelas) LC50 96 h: = 35 mg/L (Oncorhynchus mykiss)		
p-Cresol		LC50 96 h: 15.9 - 17 mg/L flow-through (Pimephales promelas) LC50 96 h: = 10 mg/L static (Lepomis macrochirus) LC50 96 h: = 12.8 mg/L flow-through (Pimephales promelas) LC50 96 h: = 19 mg/L static (Pimephales promelas) LC50 96 h: = 7.5 mg/L flow-through (Oncorhynchus mykiss)	EC50 = 160 mg/L 24 h EC50 = 2.06 mg/L 5 min EC50 = 2.31 mg/L 15 min EC50 = 2.37 mg/L 30 min	EC50 48 h: = 21.1 mg/L (Daphnia magna)
Pin-2(3)-ene		LC50 96 h: = 0.28 mg/L static (Pimephales promelas)		LC50 48 h: = 41 mg/L (Daphnia magna)
Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to aquatic invertebrates
p-Cresol	48hEC50 = 21 mg/l (Scenedesmus subspicatus)	96 h-LC50 = 4.4 mg/l (Salmo trutta ) 4 d-LC50 = 5 mg/l (Gadus morrhua (marine)) 4 d-NOEC = 0.3 mg/l (Gadus morrhua (marine)) 32 d-NOEC = 1.35 mg/l (Pimephales promelas)		48 h-EC50 = 7.7 mg/l (Daphnia magna) 4 d-EC50 = 5 mg/l (Strongylocentrotus droebachiensis (marine)) 21 d-NOEC = 1 mg/l (Daphnia magna) 80 d-EC10 = 2 mg/l (Dugesia tigrina (planarian))

#### Persistence and degradability

No information available.

#### Bioaccumulative potential

No information available.

Chemical Name	Log Pow
Linalool	3.1
p-Cresol	1.9
Pin-2(3)-ene	4.1

#### Mobility in soil

Adsorbs on soil.

No information available.

**Other adverse effects**

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

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
p-Cresol			Industrial chemical

**Section 13. Disposal considerations**

**Waste treatment methods**

**Waste from Residues / Unused Products**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

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**

- 14.1. UN-Number UN1169
- 14.2. Proper Shipping Name Extracts, aromatic, liquid
- 14.3. Hazard Class 3
- 14.4. Packing Group III
- Description UN1169, Extracts, aromatic, liquid, 3, III, Marine Pollutant (55°C c.c.)
- 14.5. Marine Pollutant This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO; Product is a marine pollutant according to the criteria set by IMDG/IMO
- Environmental hazard yes
- 14.6. Special Provisions None
- EmS No. F-E, S-D
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.

**RID**

- 14.1. UN-Number UN1169
- 14.2. Proper Shipping Name Extracts, aromatic, liquid
- 14.3. Hazard Class 3

<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III
<b>14.5. Environmental hazard</b>	yes
<b>14.6. Special Provisions</b>	None
<b>Classification Code</b>	F1

#### ADR

<b>14.1. UN-Number</b>	UN1169
<b>14.2. Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>14.3. Hazard Class</b>	3
<b>ADR/RID-Labels</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III, (D/E)
<b>14.5. Environmental hazard</b>	yes
<b>14.6. Special Provisions</b>	None
<b>Classification Code</b>	F1

#### ICAO

<b>14.1. UN-Number</b>	UN1169
<b>14.2. Proper shipping name</b>	Extracts, aromatic, liquid
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III
<b>14.5. Environmental hazard</b>	yes
<b>14.6. Special Provisions</b>	None

#### IATA

<b>14.1. UN-Number</b>	UN1169
<b>14.2. Proper Shipping Name</b>	Extracts, aromatic, liquid
<b>14.3. Hazard Class</b>	3
<b>14.4. Packing Group</b>	III
<b>Description</b>	UN1169, Extracts, aromatic, liquid, 3, III
<b>14.5. Environmental hazard</b>	yes
<b>14.6. Special Provisions</b>	None
<b>ERG Code</b>	3L

## Section 15. Regulatory information

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

#### International Inventories

<b>TSCA</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>PICCS</b>	Complies
<b>ENCS</b>	Not determined
<b>IECSC</b>	Complies
<b>AICS</b>	Complies
<b>KECL</b>	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/NDL** - 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

## Section 16. Other information

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

H301 - Toxic if swallowed  
H311 - Toxic in contact with skin  
H314 - Causes severe skin burns and eye damage  
H319 - Causes serious eye irritation  
H315 - Causes skin irritation  
H226 - Flammable liquid and vapor  
H317 - May cause an allergic skin reaction  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H412 - Harmful to aquatic life with long lasting effects  
H304 - May be fatal if swallowed and enters airways

**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.