



Charm Oxygen Refill

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HOSPECO

SAFETY DATA SHEET

Section 1. Identification

Product identifier Bloom Oxygen Refill (7830/7860)

Product Use *Contains Linalool*
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 3

Flammable liquids

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

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

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

P273 - Avoid release to the environment

Precautionary Statements

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

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	30	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) Aquatic Chronic 3 (H412)	No data available
n-Hexyl acetate	205-572-7	142-92-7	21	EFFA: EH A2; FL 3; SCI 3	No data available

Isoamyl butyrate	203-380-8	106-27-4	15	EFFA: EH A4; EH C3; FL 3; SCI 3	No data available
Diethyl malonate	203-305-9	105-53-3	5	Eye Irrit. 2 (H319)	No data available
Allyl caproate	204-642-4	123-68-2	2	Aquatic Chronic 2 (H411)	No data available

2(3H)-Furanone, 5-heptyldihydro-	203-225-4	104-67-6	2		No data available
3-Cyclohexene-1-carboxaldehyde, 3,6-dimethyl-	267-186-5	67801-65-4	1	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Aquatic Chronic 3 (H412)	No data available
2-ethyl-3-hydroxy-4-pyrone	225-582-5	4940-11-8	1	Acute Tox. 4 (H302)	No data available
1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	260-709-8	57378-68-4	0.3	EFFA: ATO 4; EH A1; EH C1; SCI 2; SS 1	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. Get medical attention if irritation persists.

Skin Contact

advice/attention.

Wash skin with soap and water. If skin irritation or rash occurs: Get medical

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

Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects

Itching, Rashes. Skin irritation. Eye irritation/reactions.

Indication of immediate medical attention and special treatment needed

Notes to Physician

May cause sensitization of susceptible persons.

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

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

None in particular.

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 skin, eyes and clothing.

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. Dispose of contents/container to an approved waste disposal plant. Collect spillage.

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. 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

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapors or mists. Remove and wash contaminated clothing before re-use.

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.

Specific end use(s)

Exposure Scenario

No information available.

Other Guidelines

No information available.

Section 8. Exposure controls/personal protection

Control parameters

Exposure Limits

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

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	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	62 °C	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air	No data available	None known

Vapor Pressure	No data available.	None known
Vapor Density	No data available.	None known
Relative Density	No data available	None known
Water Solubility	No data available	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

Explosive Properties	No information available
Oxidizing Properties	No information available

9.1. Other information

VOC Content (%)	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

Conditions to avoid

None known based on information supplied.

Incompatible materials

No information available.

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	Causes skin irritation. May cause sensitization by skin contact.
Ingestion	There is no data available for this product.

Acute Toxicity 23% 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	2,862.00 mg/kg
LD50 Dermal	2,872.00 mg/kg
Gas	99,999.00 mg/L
Dust/Mist	99,999.00 mg/L
Vapor	99,999.00 mg/L

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
n-Hexyl acetate	= 36229 mg/kg (Rat)	> 5 g/kg (Rabbit)	
Isoamyl butyrate	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	

Sensitization	May cause an allergic skin reaction.
Mutagenic Effects	No information available.
Carcinogenic Effects	Contains no ingredients above reportable quantities listed as a carcinogen.
Reproductive Toxicity	No information available.
Developmental Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration Hazard	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)
n-Hexyl acetate		LC50 96 h: 3.7 - 4.4 mg/L flow-through (Pimephales promelas)		

Diethyl malonate	EC50 72 h: = 508.2 mg/L (Desmodemus subspicatus)	LC50 96 h: 10.3 - 13.4 mg/L flow-through (Pimephales promelas)	EC50 = 3097 mg/L 16 h	EC50 48 h: = 202.3 mg/L (Daphnia magna)
Allyl caproate		LC50 96 h: = 30 mg/L (Carassius auratus)		

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Chemical Name	Log Pow
Linalool	3.1
Diethyl malonate	0.96

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

Do not re-use empty containers.

Other Information

According to the European Waste Catalogue, Waste Codes are not product specific, but

Section 14. Transport information

application specific. Waste codes should be assigned by the user based on the application for which the product was used.

IMDG/IMO

14.1. UN-Number	UN3082
14.2. Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class	9
14.4. Packing Group	III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (n-Hexyl acetate, Allyl caproate), 9, III, Limited Quantity
14.5. Marine Pollutant	None
Environmental hazard	yes
14.6. Special Provisions	None
EmS No.	F-A, S-F
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	UN3082
14.2. Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class	9
14.4. Packing Group	III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (n-Hexyl acetate, Allyl caproate), 9, III, Limited Quantity
14.5. Environmental hazard	yes
14.6. Special Provisions	None
Classification Code	M6

ADR

14.1. UN-Number	UN3082
14.2. Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class	9
14.4. Packing Group	III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (n-Hexyl acetate, Allyl caproate), 9, III, (E), Limited Quantity
14.5. Environmental hazard	yes
14.6. Special Provisions	None
Classification Code	M6

ICAO

14.1. UN-Number	UN3082
14.2. Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
14.3. Hazard Class	9
14.4. Packing Group	III
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (n-Hexyl acetate, Allyl caproate), 9, III
14.5. Environmental hazard	yes
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	Not determined
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

15.1. Chemical Safety Assessment

No information available

Section 16. Other information

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

H302 - Harmful if swallowed 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 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.