

SAFETY DATA SHEET**Ozmo 2in1 Vacuum Feshener - Flower Shop**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name** Ozmo 2in1 Vacuum Feshener - Flower Shop**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Vacuum Cleaner Freshener.**Uses advised against** No specific uses advised against are identified.**1.3. Details of the supplier of the safety data sheet****Supplier** Acana Ltd.
Cumberland House,
35 Park Row,
Nottingham,
NG1 6EE,
UK
T: +44 (0) 115 988 6077
F: +44 (0) 115 982 4541
swa@acana.co.uk**1.4. Emergency telephone number****Emergency telephone** +44 (0) 115 988 6077
(09:00 - 17:00h Monday - Friday)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification****Physical hazards** Not Classified**Health hazards** Elicitation (Skin Sens.)**Environmental hazards** Aquatic Chronic 3 - H412**Classification (67/548/EEC or 1999/45/EC)** R52/53**2.2. Label elements****Hazard statements** H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains 1-(2,3,8,8-Tetramethyl-1,2-3,4,5-6,7,8-octahydronaphthalen-2-yl)ethanone, 2-(4-tert-Butylbenzyl)propionaldehyde. May produce an allergic reaction.**Precautionary statements** P102 Keep out of reach of children.
P501 Dispose of contents/container in accordance with national regulations.**Supplementary precautionary statements** P273 Avoid release to the environment.**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Ozmo 2in1 Vacuum Feshener - Flower Shop

2,6-Dimethyl-7-octen-2-ol	1 - <2.5%
CAS number: 18479-58-8	EC number: 242-362-4
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC or 1999/45/EC) Xi; R36/38
4-tert-Butylcyclohexyl acetate	1 - <2.5%
CAS number: 32210-23-4	EC number: 250-954-9
Classification Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) N; R51/53
1-(2,3,8,8-Tetramethyl-1,2-3,4,5-6,7,8-octahydronaphthalen-2-yl)ethanone	0.5 - <1%
CAS number: 54464-57-2	EC number: 259-174-3
Classification Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xi; R38. N; R51/53. R43
2,6-Di-tert-butyl-p-cresol	0.25 - <0.5%
CAS number: 128-37-0	EC number: 204-881-4
M factor (Acute) = 1	M factor (Chronic) = 1
Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC or 1999/45/EC) N; R50/53
2-(4-tert-Butylbenzyl)propionaldehyde	0.25 - <0.5%
CAS number: 80-54-6	EC number: 201-289-8
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Repr. 2 - H361f Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R38. Repr. Cat. 3 R62. N; R51/53. R43

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt.

Ozmo 2in1 Vacuum Feshener - Flower Shop

Ingestion	Rinse mouth. Give a few small glasses of water or milk to drink. Do not induce vomiting unless under the direction of medical personnel.
Skin contact	Brush off loose particles from skin. Rinse with water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for several minutes.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Dust may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin contact	May cause skin sensitisation or allergic reactions in sensitive individuals.
Eye contact	Dust may cause slight irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
-----------------------------	------------------------

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	None known.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. Carbon dioxide (CO ₂). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust. Avoid contact with skin and eyes.
-----------------------------	---

6.2. Environmental precautions

Environmental precautions	Avoid discharge into drains or watercourses or onto the ground.
----------------------------------	---

6.3. Methods and material for containment and cleaning up

Ozmo 2in1 Vacuum Feshener - Flower Shop

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Do not empty into drains. For waste disposal, see Section 13. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Keep out of the reach of children. Wear protective clothing as described in Section 8 of this safety data sheet. Keep container tightly sealed when not in use. Avoid handling which leads to dust formation.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

Storage class Miscellaneous hazardous material storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

2,6-Di-tert-butyl-p-cresol

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Appropriate engineering controls Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection No specific hand protection recommended. Large Spillages: Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

Ozmo 2in1 Vacuum Feshener - Flower Shop

Environmental exposure controls Keep container tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Granules.
Colour	Green.
Odour	Characteristic.
Odour threshold	Not determined.
pH	Not determined.
Melting point	Not determined.
Initial boiling point and range	Not relevant.
Flash point	Not relevant.
Evaporation rate	Not relevant.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not relevant.
Vapour density	Not relevant.
Relative density	Not determined.
Solubility(ies)	The product is partly soluble in water and may spread in the aquatic environment.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	Not relevant.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

Ozmo 2in1 Vacuum Feshener - Flower Shop

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation May cause sensitisation or allergic reactions in sensitive individuals.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Not relevant. Solid.

General information

Dust may irritate the eyes and the respiratory system.

Ozmo 2in1 Vacuum Feshener - Flower Shop

Inhalation	Dust may irritate the respiratory system.
Ingestion	May cause discomfort if swallowed.
Skin contact	May cause skin sensitisation or allergic reactions in sensitive individuals.
Eye contact	Dust may cause slight irritation.
Route of entry	Ingestion Inhalation Skin and/or eye contact
Target organs	No specific target organs known.
Medical considerations	Skin disorders and allergies.

Toxicological information on ingredients.

4-tert-Butylcyclohexyl acetate

Toxicological effects	Not regarded as a health hazard under current legislation.
<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	>3000 mg/kg, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	>4680 mg/kg, Dermal, Rabbit REACH dossier information. Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
Reproductive toxicity - development	Maternal toxicity:, Developmental toxicity: - NOAEL: 160 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

1-(2,3,8,8-Tetramethyl-1,2-3,4,5-6,7,8-octahydronaphthalen-2-yl)ethanone

<u>Skin corrosion/irritation</u>	
Animal data	Irritating.
<u>Skin sensitisation</u>	
Skin sensitisation	Sensitising.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity	Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.
-----------------	---

Ecological information on ingredients.

4-tert-Butylcyclohexyl acetate

Toxicity	Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.
Acute toxicity - fish	LC ₅₀ , 96 hours: 8.6 mg/l, Cyprinus carpio (Common carp)

Ozmo 2in1 Vacuum Feshener - Flower Shop

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 5.3 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 22 mg/l, Scenedesmus subspicatus

1-(2,3,8,8-Tetramethyl-1,2-3,4,5-6,7,8-octahydronaphthalen-2-yl)ethanone

Toxicity Aquatic Acute 2 - H401 Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Ecological information on ingredients.

4-tert-Butylcyclohexyl acetate

Persistence and degradability The product is readily biodegradable.

Biodegradation Water - Degradation 75%: 29 days

1-(2,3,8,8-Tetramethyl-1,2-3,4,5-6,7,8-octahydronaphthalen-2-yl)ethanone

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not determined.

Ecological information on ingredients.

4-tert-Butylcyclohexyl acetate

Bioaccumulative potential BCF: 234-334.6, QSAR model The product is not bioaccumulating.

Partition coefficient log Pow: 4.8

1-(2,3,8,8-Tetramethyl-1,2-3,4,5-6,7,8-octahydronaphthalen-2-yl)ethanone

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is partly soluble in water and may spread in the aquatic environment.

Ecological information on ingredients.

4-tert-Butylcyclohexyl acetate

Mobility The product has poor water-solubility.

Adsorption/desorption coefficient Soil - log Koc: 3.51-3.66 @ 30°C

Surface tension 62.9 mN/m @ 20°C

Ozmo 2in1 Vacuum Feshener - Flower Shop

1-(2,3,8,8-Tetramethyl-1,2-3,4,5-6,7,8-octahydronaphthalen-2-yl)ethanone

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

4-tert-Butylcyclohexyl acetate

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

1-(2,3,8,8-Tetramethyl-1,2-3,4,5-6,7,8-octahydronaphthalen-2-yl)ethanone

Results of PBT and vPvB assessment No data available.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Reuse or recycle products wherever possible.

Disposal methods Do not empty into drains. Dispose of waste via a licensed waste disposal contractor.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Ozmo 2in1 Vacuum Feshener - Flower Shop

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments	Classification according to EC 1272/2008 (CLP).
Revision date	09/06/2015
Revision	1
Supersedes date	01/10/2012
SDS number	2360
Risk phrases in full	R22 Harmful if swallowed. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R43 May cause sensitisation by skin contact. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R62 Possible risk of impaired fertility.

Ozmo 2in1 Vacuum Feshener - Flower Shop

Hazard statements in full

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H361f Suspected of damaging fertility.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains 1-(2,3,8,8-Tetramethyl-1,2-3,4,5-6,7,8-octahydronaphthalen-2-yl)ethanone, 2-(4-tert-Butylbenzyl)propionaldehyde. May produce an allergic reaction.