

I. Product and Company Identification

1.1 Identification of the substance or preparation:

OCSC-312 CONCENTRATE

1.2 Company Identification: Odour Control Systems Limited
33A Castle Close,
Hawarden Industrial Park
Manor Lane,
Hawarden,
Deeside.
CH5 3PP.
Tel: 01244 536700 Fax: 01244 535184

II. Composition/Information on Ingredients

2.1 Chemical Composition:		
1-10%	335 Trimethyl Cyclo Hexanol R36 Irritating to eyes	CAS: 116-02-9
1-10%	Clove leaf oil malagasy rep. rectified R21/22 Harmful in contact with Skin and if swallowed. R38 Irritating to skin	CAS: 84961-50-2
1-10%	Veilex No. 3 R21 Harmful in contact with skin. R34 Causes burns	CAS: 1193-81-3
1-10%	Citral R43 May cause sensitization by skin contact. R38 Irritating to skin	CAS: 5392-40-5
1-10%	Terpineol Alpha R38 Irritating to skin.	CAS: 98-55-5
1-10%	Coumarin R22 Harmful if swallowed	CAS: 91-64-5
1-10%	Acetophenone R22 Harmful if swallowed R36 Irritating to eyes	CAS: 98-86-2

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1-10%	Terpinolene 20 R10 Flammable	CAS: 68956-56-9
1-10%	Menthol NAT R38 Irritating to skin.	CAS: 89-78-1
1-10%	Cinnamic Aldehyde R21 Harmful in contact with skin R38 Irritating to skin R43 May cause sensitization by skin contact.	CAS:104-55-2

III. Hazards Identification

3.1 Harmful: May cause lung damage if swallowed

IV. First Aid Measures

- 4.1 Eye Contact: Irrigate immediately and copiously for at least 10 minutes. If irritation persists, or any sign of tissue damage is apparent, obtain medical advice immediately.
- 4.2 Skin Contact: Remove contaminated clothing. Wash skin with large volumes of water (or soap and water). If irritation persists, or any sign of tissue damage is apparent, obtain medical advice immediately.
- 4.3 Ingestion: Rinse mouth with water. Do not induce vomiting. Give up to 300ml (one glass) of water. Obtain medical advice immediately.
- 4.4 Excessive Inhalation: Remove the affected individual to fresh air. Keep at rest in the most comfortable position. Obtain medical advice immediately.
- 4.5 General Comments: As in all cases of potential poisoning, supportive therapy is of the utmost importance.

V. Fire Fighting Measures

- 5.1 Extinguishing media: Avoid inhalation of fumes evolved in a fire. Use self contained breathing apparatus when fire-fighting. Extinguish with sand, earth, water spray, carbon dioxide or powder extinguisher. Do not use water jet. If containers become heated, over pressurisation with release of combustible material and even explosion may occur. To avoid this, they should be kept cool by spraying with water from a safe distance.

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VI. Accidental Release Measures

- 6.1 Spill and disposal procedure Handle spill material in accordance with the recommendations in section 8. Inhalation of high odour materials may cause discomfort and/or nausea and should be avoided by providing good ventilation during containment and disposal. Where this is not possible, and particularly when substances having exposure standards are present (see section 9), the use of an organic vapour respirator (or self contained breathing apparatus, if available) is recommended. Remove ignition sources and provide adequate ventilation. Contain by use of sand, earth, or inert absorbent (e.g. kieselguhr). Remove to a disposal container. Wash contaminated area with detergent and water. Comply with local regulations for waste disposal.

VII. Handling and Storage

- 7.1 Handling All materials should be handled according to the principle of Good Manufacturing Practice. Avoid ingestion and inhalation of the neat material. Establish handling and personal washing routines to minimise personal exposure to the product.
- 7.2 Storage Combustible: keep away from possible ignition. Ensure adequate air circulation and fume extraction in storage and working area.

VIII. Exposure Controls/Personal Protection

- 8.1 Respiratory Protection Not normally necessary when handling at ambient temperatures
This preparation contains the following substance(s) having listed Occupational Exposure Limits in the United Kingdom.
- 8.2 Hand Protection Wear PVC gloves.
- 8.3 Eye Protection Minimum protection (e.g. safety glasses) is recommended.
- 8.4 Skin Protection Overalls are usually sufficient.

IX. Physical and Chemical Properties

- 9.1 Appearance
Colour: Yellow
Form: Liquid
- 9.2 Odour Characteristic
- 9.3 pH Not determined
- 9.4 Change of Physical State
Boiling point: Not determined
Melting point: Not determined
- 9.5 Flash Point (Abel Closed Cup) 68°C

continued overleaf >>>

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9.6	Flammability	See 2.5
9.7	Autoflammability	Not determined
9.8	Explosive Properties	Will not explode
9.9	Oxidising Properties	Not an oxidiser
9.10	Vapour Pressure	Not determined
9.11	Relative Density	0.908
9.12	Solubility/Miscibility in Water	Virtually immiscible
9.13	Partition Coefficient (N-Octanol/Water)	Not determined

X. Stability and Reactivity

10.1	Thermal Decomposition	Carbon Dioxide, carbon monoxide and unidentified organic compounds may be formed.
10.2	Hazardous Reactions	Avoid strong oxidisers, acids and alkalis.
10.3	Auto-Oxidation	Not applicable.

XI. Toxicological Information

11.1	Calculated LD50 not determined	Irritating to eyes and skin. May cause sensitization by skin contact.
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XII. Biological Information

12.1	No data available.	This preparation is not a marine pollutant as defined by the International Maritime Organisation.
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XIII. Disposal Considerations

13.1	Disposal of product:	Comply with local regulations for waste disposal. Empty liquid containers should be washed thoroughly with detergent before being sent for reconditioning or disposal. The washings should be treated as trade effluent or special waste as appropriate.
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XIV. Transport Information

14.1	General information:	
	IMO:	Non-hazardous
	ICA0/IATA:	Non-hazardous
	RID/ADR:	Non-hazardous

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XV. Regulatory Information

15.1 Classification:	This preparation is labelled according to the criteria of EEC Directive 88/379/EEC and its amendments:-
Symbol:	Xn R65 Harmful: May cause lung damage if swallowed R36/38 Irritating to eyes and skin R43 May cause sensitization by skin contact
	S26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice. S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. S24 Avoid contact with skin. S37 Wear suitable gloves.
Contains:	Cinnamic Aldehyde Citral Veilex No.3

See also Section 9 for substances having Occupational Exposure Limits in the United Kingdom.

This information is given in good faith and is based on information and tests believed to be reliable. The suitability of this product for any particular use is not suggested or implied. This document is not a specification and properties shown are not guaranteed.

Information on this form is furnished in compliance with current legislation. It is the responsibility of the recipient to pass on this information to relevant departments/persons involved. Odour Control Systems Limited assumes no responsibility for injury of death and/or third persons, however caused. The user bailee and their respective employees and agents assume all such risks if reasonable safety procedures are not adhered to.

In addition, Odour Control Systems Limited assumes no responsibility for injury or death to the recipient of this material or third persons, or for any loss or damage to property, or for any consequential damage resulting from any abnormal use or theft of the material, and the user, owner, bailee and their respective employees and agents assume all such risks even when caused by negligence, omission, default or error in judgement of Odour Control Systems Limited or its agents.

Each recipient should carefully review this information, data and recommendations in this specific context of its intended use. This product should only be used according to the specific guidelines for use laid out in Odour Control Systems Limited publications. Use of these products is deemed to be acceptance of the above.

Always READ material safety data sheet before use.

preserving the environment

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