

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME:  
SUPPLIER:

The Oh! Zone – Fragrance Oil  
Fresholi  
Helen Williams  
494 Groby Road  
Leicester  
LE3 9QD  
Tel: +44 (0)116 299 6006



PRODUCT TYPE AND USE:

Concentrated fragrance material for manufacturing purposes only.  
Not for personal use in this form or concentration.

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

DESCRIPTION OF THE PREPARATION:

Fragrance composition: a multicomponent mixture of natural and/or synthetic aroma materials.

1% - 5% 3-p-Cumenyl-2-methylpropionaldehyde;EIN, syn:Benzenepropanal, a-methyl-4-(1-methylethyl)-  
CAS: 103-95-7 EC: 203-161-7  
Xi,N; R38-51-53

1% - 5% [3R-(3a,3ab,7b,8aa)]- 1 -(2,3,4,7,8,8a - Hexahydro-3,6,8,8-tetramethyl-1H-3a,7 - methanoazulen-5-yl)ethan-1-one;EIN,  
syn:Acetylcedrene  
CAS: 32388-55-9 EC: 251-020-3  
N; R50-53

1% - 5% 4-(2,6,6-trimethylcyclohex-1-ene-1-yl)-but-3-ene-2-one;EIN,  
INCI:MIXED IONONES  
CAS: 14901-07-6 EC: 238-969-9  
N; R51-53

1% - 5% 1,4-dioxacycloheptadecane-5,17-dione;EIN  
CAS: 105-95-3 EC: 203-347-8  
N; R51-53

0.1% - 1% alpha-Methyl-1,3-benzodioxole-5-propionaldehyde;EIN, syn:1,3-Benzodioxole-5-propanal, alpha-methyl-  
CAS: 1205-17-0 EC: 214-881-6  
N; R51-53

0.1% - 1% PROPYLENE GLYCOL: 1,2-propane-diol;INCI:PROPYLENE GLYCOL  
CAS: 57-55-6 EC: 200-338-0  
substance with a Community workplace exposure limit

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**2. COMPOSITION / INFORMATION ON INGREDIENTS ~ CONTINUED**DESCRIPTION OF  
THE PREPARATION  
CONTINUED:

0.1% - 1% EIN;2,6-Di-tert-butyl-p-cresol, syn;phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl; INCI:BHT  
CAS: 128-37-0 EC: 204-881-4  
Xn,Xi; R20/21/22-36/37/38

5 µg/kg Styrene;EIN, syn:Benzene, ethenyl-  
CAS: 100-42-5 EC: 202-851-5  
Xn,Xi; R10-20-36/38

**Concentrated product for manufacturing use only.****3. HAZARDS IDENTIFICATION**PROPERTIES / SYMBOLS:

N Dangerous for the environment

R PHRASES:

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**4. FIRST AID MEASURES**INHALATION:

No damage to health is expected.

SKIN CONTACT:

Wash thoroughly with soap and water. Remove contaminated clothing. If irritation persists, or tissue damage is evident, seek medical advice.

EYE CONTACT:

Remove contact lenses and flush immediately with water for at least 10 minutes. Get Medical aid.

INGESTION:

Rinse mouth out immediately and then drink a large amount of water. If symptoms persist visit a first-aid attendant or a doctor.

**5. FIRE FIGHTING MEASURES**EXTINGUISHING MEDIA:Carbon dioxide-, foam- or powder-fire extinguisher.  
DO NOT USE WATER EXTINGUISHERS.RISKS ARISING FROM COMBUSTION:

Avoid inhaling fumes.

SPECIAL PROTECTIVE EQUIPMENT  
FOR FIREFIGHTERS:

Self-contained breathing apparatus and protective clothing.

ADDITIONAL INFORMATION:

Contaminated fire extinguishing water must be collected separately; it must not enter sewerage system.

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**6. ACCIDENTAL RELEASE MEASURES**

<u>PERSONAL PROTECTION:</u>	Provide proper ventilation. No personal protective equipment is needed.
<u>ENVIRONMENTAL PROTECTION:</u>	Inform fire brigade of large spillages. Keep away from drains, surface and ground water, and soil. Spillages should be contained immediately by use of sand of inert powder and disposed of according to local regulations.
<u>METHODS OF CLEANING/DISPOSAL:</u>	Do not allow the material to enter drainage systems. If possible, collect product for re-use or disposal.

**7. HANDLING AND STORAGE**

<u>HANDLING:</u>	Apply good manufacturing and industrial hygiene practices and adequate ventilation. Do not eat, drink or smoke while handling. Respect good personal hygiene.
<u>INCOMPATIBLE MATERIALS:</u>	None known that present a hazard.
<u>STORAGE:</u>	Store in well filled and tightly closed original containers, at around 15 degC, and protected from light. Avoid certain plastic and uncoated metal containers.
<u>INSTRUCTIONS AS REGARDS STORAGE PREMISES:</u>	Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.

**Observe Good Manufacturing Practices.****8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<u>MATERIALS WITH OCCUPATIONAL EXPOSURE STANDARDS:</u>	PROPYLENE GLYCOL: 1,2-propane-diol; INCI:PROPYLENE GLYCOL TLV-TWA: 474 mg/m <sup>3</sup> : 150 ppm  EIN;2,6-Di-tert-butyl-p-cresol, syn;phenol, 2,6-bis(1,1-dimethylethyl)-4-methyl; INCI:BHT : 10 ppm  Styrene;EIN, syn:Benzene, ethenyl- : 20 ppm : 40 ppm
<u>PRECAUTIONARY MEASURES:</u>	Give adequate ventilation to the premises where the product is stored and/or handled.
<u>RESPIRATORY PROTECTION:</u>	No special Measures under normal use.
<u>HAND PROTECTION:</u>	No special Measures under normal use.
<u>EYE PROTECTION:</u>	No special Measures under normal use.
<u>SKIN PROTECTION:</u>	No special Measures under normal use.

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9. PHYSICAL DATA AND CHEMICAL PROPERTIES
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<u>FORM</u> :	Liquid.
<u>ODOUR</u> :	Characteristic
<u>FLASH POINT</u> :	>70 °C (Closed cup)

10. STABILITY AND REACTIVITY
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<u>CONDITIONS TO AVOID</u> :	Stable under normal conditions.
<u>SUBSTANCES TO AVOID</u> :	No particular.
<u>HAZARDOUS DECOMPOSITION PRODUCTS</u> :	Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION
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This preparation has not been subject to toxicological testing as an entity; therefore no specific LD50/LC50 values have been determined. The toxicological information available relating to the ingredients and their concentrations, in accordance with the conventional method of dir 99/45/EC, enables the evaluation of this preparation.

For further information see sections 2, 3, 15 & 16.

12. ECOLOGICAL INFORMATION
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This preparation has not been subject to ecological testing as an entity; therefore no specific data have been generated. The ecological information available relating to the ingredients and their concentrations, in accordance with the conventional method of dir 99/45/EC, enables the evaluation of this preparation.

For further information see sections 2,3,15 & 16.

Avoid contaminating the earth as well as surface and ground water.

13. DISPOSAL CONSIDERATIONS
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The product should be disposed of in accordance with local, national and international regulations.  
Avoid disposing into drainage systems and into the environment  
The soiled packaging should be disposed of in the same way as the product.  
Dispose of this material and its container at hazardous or special waste collection point.  
Use appropriate container to avoid environmental contamination.  
This material and its container must be disposed of as hazardous waste.

91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

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14. TRANSPORT INFORMATION
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<u>ADR-UN NUMBER:</u>	3082
<u>ADR-CLASS:</u>	9
<u>ADR-HI NUMBER:</u>	90
<u>ADR-SHIPPING NAME:</u>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains: acetylcedrene)
<u>ADR-PACKING GROUP:</u>	III
<u>IATA-UN NUMBER:</u>	3082
<u>IATA-CLASS:</u>	9
<u>IATA-SHIPPING NAME:</u>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains: acetylcedrene)
<u>IATA-CARGO AIRCRAFT:</u>	914
<u>IATA-LABEL:</u>	Miscellaneous
<u>IATA-PACKING GROUP:</u>	III
<u>IATA-S.P.:</u>	A97
<u>IATA-ERG:</u>	9L
<u>IMDG-MARINE POLLUTANT:</u>	Marine Pollutant
<u>IMDG-UN NUMBER:</u>	3082
<u>IMDG-CLASS:</u>	9
<u>IMDG-SHIPPING NAME:</u>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains: acetylcedrene)
<u>IMDG-PACKING GROUP:</u>	III
<u>IMDG-STORAGE CATEGORY:</u>	A

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**15. REGULATORY INFORMATION**

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Labelling according to Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. and Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments:



SYMBOLS: N Dangerous for the environment

R PHRASES: R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S PHRASES: S56 Dispose of this material and its container at hazardous or special waste collection point.  
S57 Use appropriate container to avoid environmental contamination.  
S60 This material and its container must be disposed of as hazardous waste.

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16. OTHER INFORMATION
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## Total Fractional Values:

T+:	0.0000	T:	0.0000	Xn:	0.0000
R35:	0.0000	R34:	0.0000	R41:	0.0000
R38:	0.1800	R36:	0.0000	R37:	0.0000
N,R50-53:	0.1140	N,R51-53:	1.4578	R52-53:	14.5816
R52:	0.0036	R53:	0.4351	R65:	0.0005
R67:	0.0000	R42:	0.0000	R43:	0.0100
N,R50:	0.0000				

This information is given in good faith and is correct to the best of our knowledge, but all data, instructions and/or suggestions are made without guarantee.

We cannot accept responsibility or liability for any consequences arising from its use.

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.

These statements are solely for the above-mentioned product and are intended to help to take adequate safety precautions.

## Text of the risk phrases listed in section 3:

R10 Flammable.

R20 Harmful by inhalation.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R36/37/38 Irritating to eyes, respiratory system and skin.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

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.