

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

PRODUCT NAME:
SUPPLIER:

Froo Choo – Fragrance Oil
Fresholi
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Leicester
LE3 9QD
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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.

5% - 10% PHENOXANOL: 3-methyl-5-phenyl-1-pentanol
CAS: 55066-48-3 EC: 259-461-3
Xi; R41

5% - 10% 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8-tetramethyl-2-naphthyl)ethan-1-one;EIN , syn:7-acetyl,
1,2,3,4,5,6,7,8-octahydro-1,1,6,7-tetramethyl naphthalene
CAS: 54464-57-2 EC: 259-174-3
N; R51-53

5% - 10% 4-tert-Butylcyclohexyl acetate;EIN, syn:Cyclohexanol, 4-(1,1-dimethylethyl)-, acetate, vertenex
CAS: 32210-23-4 EC: 250-954-9
N; R51-53

1% - 5% para-Menth-1-en-8-ol;EIN, syn:3-Cyclohexene-1-methanol,
alpha,alpha,4-trimethyl-
CAS: 98-55-5 EC: 202-680-6
Xi; R38

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

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

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

1% - 5% Tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans);ELINCS, syn:2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-, Florol
N.67/548/EEC: 603-101-00-3 CAS: 63500-71-0 EC: 405-040-6
Xi; R36

1% - 5% 2,6-Dimethyloct-7-en-2-ol;EIN & INCI
CAS: 18479-58-8 EC: 242-362-4
Xi; R36/38

0.1% - 1% [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

0.1% - 1% 2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol;EIN
CAS: 28219-61-6 EC: 248-908-8
Xi,N; R38-50-53

0.1% - 1% DAMASCOL;EIN;5-methyl-5-phenylhexan-3-one
CAS: 4927-36-0 EC: 225-561-0
Xi; R43

0.1% - 1% Habanolide;ELINCS, syn:Oxacyclohexadecen-2-one
CAS: 34902-57-3 EC: 422-320-3
N; R50

0.1% - 1% 5-heptyloxolan-2-one
CAS: 104-67-6 EC: 203-225-4
N; R51-53

0.1% - 1% 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

0.1% - 1% DMBC BUTYRATE;EIN;a,a-dimethylphenethyl butyrate;syn:
Dimethyl-benzyl-carbinylobutyrate
CAS: 10094-34-5 EC: 233-221-8
N; R51-53

71 mg/kg ETHYL ACETATE;EIN,syn:Acetic acid ethyl ester
N.67/548/EEC: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4
F,Xi; R11-36-66-67

Concentrated product for manufacturing use only.

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3. HAZARDS IDENTIFICATIONPROPERTIES / SYMBOLS:Xi Irritant
N Dangerous for the environmentR PHRASES:R36 Irritating to eyes.
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. Areas of the body that have - or are only even suspected of having - come into contact with the material must be washed thoroughly with soap and water.

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 with water.
In severe cases seek medical attention and show the safety data sheet.**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>	Avoid inhalation and contact with skin and eyes. Use personal protective equipment.
<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>	Rapidly recover the product. To do so, wear a mask and protective clothing. 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>	ETHYL ACETATE;EIN,syn:Acetic acid ethyl ester : 400 ppm : 200 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>	Avoid contact. Use chemically resistant gloves as needed, e.g. butyl rubber or nitrile rubber protective index 6, EN 372
<u>EYE PROTECTION:</u>	Avoid contact. Wear safety glasses, e.g. EN 166
<u>SKIN PROTECTION:</u>	No special Measures under normal use.

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9. PHYSICAL DATA AND CHEMICAL PROPERTIES

<u>FORM :</u>	Liquid.
<u>ODOUR :</u>	Characteristic
<u>FLASH POINT :</u>	>70 °C (Closed cup)

10. STABILITY AND REACTIVITY

<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

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

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

The product should be disposed of in accordance with local 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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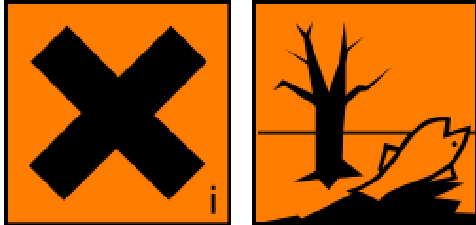
14. TRANSPORT INFORMATION

<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:1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)
<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:1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)
<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:1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)
<u>IMDG-PACKING GROUP:</u>	III
<u>IMDG-STORAGE CATEGORY:</u>	A

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15. REGULATORY INFORMATION

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: Xi Irritant
N Dangerous for the environment

R PHRASES: R36 Irritating to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S PHRASES: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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.

Contains: DAMASCOL:EIN;5-methyl-5-phenylhexan-3-one: May produce an allergic reaction.

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16. OTHER INFORMATION

Total Fractional Values:

T+:	0.0000	T:	0.0000	Xn:	0.0000
R35:	0.0000	R34:	0.0000	R41:	0.8000
R38:	0.2360	R36:	1.8020	R37:	0.0000
N,R50-53:	0.0480	N,R51-53:	1.2811	R52-53:	12.8574
R52:	0.0462	R53:	0.8953	R65:	0.0000
R67:	0.0005	R42:	0.0000	R43:	0.4364
N,R50:	0.0160				

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:

R11 Highly flammable.

R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

R50 Very toxic to aquatic organisms.

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.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.