



MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier				
Product Name		Frangipani Fragrance Oil		
Biological Definition		A mixture off natural and synthetic substances		
INCI Name		Fragrance, Parfum		
Synonyms & Trade Names		Frangipani Fragrance Oil		
CAS-No		EC No.		EINECS No.
1.2 Relative identified uses of the substance or mixture and uses advised against				
Concentrated material for manufacturing purposes only.				
1.3 Details of the supplier of the safety data sheet				
NTM UK LTD, 69 Bethel Street, Norwich, Norfolk, United Kingdom NR2 1NR				
1.4 Emergency Tel. No.		+44(0)1603 610883		

02. HAZARDS IDENTIFICATION

2. Classification of the substance or mixture	
The Full Text for all Hazard Statements is displayed in Section 16.	
Classification (EC 1272/2008)	
Physical and Chemical Hazards: Not classified. Human health: Skin Sens. 1 - H317 Repr. 2 - H361 Environment: Aquatic Chronic 3 - H412	
2. Label Elements	
Label in accordance with (EC) No 1272/2008	
GHS08 	GHS07 
Signal Word	Warning.
Contains	Butylphenyl Methylpropional, Hydroxycitronellal, Limonene, Hexylcinnamal, Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde, Benzylsalicylate , Alpha-Isomethyl Ionone, Dimethyl-3-Cyclohexene-1-Carbaldehyde, 4-Tert-Butylcyclohexyl Acetate, Methylenedioxyphenylmethylpropanal, 3,7,7-Trimethylbicyclo[4.1.0]-3-Heptene (3-Carene) ,Longifolene, p-Mentha-1,4(8)-Diene (Terpinolene) , Beta Pinene, Pin-2(3)-Ene(Alpha-Pinenes), Lemon Terpenes
Hazard Statements	
<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P308+P313 IF exposed or concerned: Get medical advice/ attention.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.P501 Dispose of contents/ container in accordance with national regulations.</p>	

Precautionary Statements
<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p>
Supplementary Precautionary Statements
<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P261 Avoid breathing vapour/spray.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P302+352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P308+313 IF exposed or concerned: Get medical advice/attention.</p> <p>P312 Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>P332+313 If skin irritation occurs: Get medical advice/attention.</p> <p>P333+313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>

2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures
<p>1-5% BENZYL ACETATE CAS number: 140-11-4EC number: 205-399-7 Classification Aquatic Chronic 3 - H412Classification (67/548/EEC or 1999/45/EC)R52/53</p>
<p>1-5% HYDROXYCITRONELLAL CAS number: 107-75-5 EC number: 203-518-7 Classification Eye Irrit. 2 - H319Skin Sens. 1B - H317Classification (67/548/EEC or 1999/45/EC)Xi; R36. R43</p>
<p>1-5% BUTYLPHENYL METHYLPROPIONAL CAS number: 80-54-6EC number: 201-289-8 Classification Acute Tox. 4 - H302Skin Irrit. 2 - H315Skin Sens. 1 - H317Repr. 2 - H361Aquatic Chronic 2 - H411Classification (67/548/EEC or 1999/45/EC)Xn; R22. Xi; R38. Repr. Cat. 3 R62, R63. N; R51/53. R43</p>
<p>1-5% LINALYL ACETATE CAS number: 115-95-7EC number: 204-116-4 Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319Classification (67/548/EEC or 1999/45/EC)Xi; R36/38</p>
<p>1-5% LIMONENE CAS number: 138-86-3EC number: 205-341-0M factor (Acute) = 1M factor (Chronic) = 1 ClassificationFlam. Liq. 3 - H226Skin Irrit. 2 - H315Skin Sens. 1 - H317Asp. Tox. 1 - H304 Aquatic Acute 1 - H400Aquatic Chronic 1 - H410</p>
<p><1% HEXAMETHYLINDANOPYRAN CAS number: 1222-05-5EC number: 214-946-9M factor (Acute) = 1M factor (Chronic) = 1 Classification Aquatic Acute 1 - H400Aquatic Chronic 1 - H410</p>

<p><1% HYDROXYISOHEXYL 3-CYCLOHEXENECARBOXALDEHYDE CAS number: 31906-04-4EC number: 250-863-4 Classification Skin Sens. 1B - H317Classification (67/548/EEC or 1999/45/EC)R43</p>
<p><1% BENZYL SALICYLATE CAS number: 118-58-1EC number: 204-262-9 Classification Eye Irrit. 2 - H319Skin Sens. 1B - H317Aquatic Chronic 3 - H412Classification (67/548/EEC or 1999/45/EC)Xi; R36. R43, R52/53</p>
<p><1% HEXYL CINNAMAL CAS number: 101-86-0EC number: 202-983-3M factor (Acute) = 1 Classification (67/548/EEC or 1999/45/EC)N Skin Sens. 1B - H317Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411; R50, R51/53. R43</p>
<p><1% ALPHA-ISOMETHYL IONONE CAS number: 127-51-5EC number: 204-846-3 Classification (67/548/EEC or 1999/45/EC) Skin Irrit. 2 - H315Eye Irrit. 2 - H319Skin Sens. 1B - H317 Aquatic Chronic 2 - H411Xi; R36/38. N; R51/53. R43</p>
<p><1% DIETHYL PHTHALATE CAS number: 84-66-2EC number: 201-550-6 Classification: Not Classified</p>
<p>CIS-3-HEXENYL SALICYLATE<1% CAS number: 65405-77-8EC number: 265-745-8M factor (Acute) = 1 Classification Aquatic Acute 1 - H400Classification (67/548/EEC or 1999/45/EC)N; R50</p>
<p><1% 4-TERT-BUTYLCYCLOHEXYL ACETATE CAS number: 32210-23-4EC number: 250-954-9 Classification Skin Sens. 1B - H317 Classification (67/548/EEC or 1999/45/EC)R43</p>
<p><1% METHYLENEDIOXYPHENYL METHYLPROPANAL CAS number: 1205-17-0EC number: 214-881-6Classification Skin Sens. 1B - H317 Aquatic Chronic 2 - H411Classification (67/548/EEC or 1999/45/EC)N; R51/53. R43</p>
<p><1% PIN-2(3)-ENE (ALPHA-PINENES) CAS number: 80-56-8EC number: 201-291-9M factor (Acute) = 1M factor (Chronic) = 1Classification Flam. Liq. 3 - H226Skin Irrit. 2 - H315 Skin Sens. 1B - H317Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410</p>
<p><1% BHT CAS number: 128-37-0EC number: 204-881-4M factor (Acute) = 1M factor (Chronic) = 10Classification Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Classification (67/548/EEC or 1999/45/EC)N; R50/53</p>
<p><1% LONGIFOLENE CAS number: 475-20-7EC number: 207-491-2M factor (Acute) = 1M factor (Chronic) = 10 Classification Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Classification (67/548/EEC or 1999/45/EC)Xn; R65. N; R50/53. R43</p>
<p><1% 3,7,7-TRIMETHYLBICYCLO[4.1.0]-3-HEPTENE (3-CARENE) CAS number: 13466-78-9EC number: 236-719-3 Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411 Classification (67/548/EEC or 1999/45/EC)Xn; R65. N; R51/53. R43, R10</p>
<p>p-MENTHA-1,4(8)-DIENE (TERPINOLENE) CAS number: 586-62-9EC number: 209-578-0M factor (Chronic) = 1ClassificationSkin Sens. 1 - H317Asp. Tox. 1 - H304Aquatic Chronic 1 - H410Classification (67/548/EEC or 1999/45/EC)Xn; R65. N; R50/53. R43</p>
<p><1% BETA PINENE CAS number: 127-91-3EC number: 204-872-5M factor (Acute) = 1M factor (Chronic) = 1 Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410Classification (67/548/EEC or 1999/45/EC)Xn; R65. Xi; R38. N; R50/53. R43, R10</p>
<p><1% LEMON TERPENES CAS number: —M factor (Acute) = 1M factor (Chronic) = 1Classification Flam. Liq. 3 - H226Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Classification (67/548/EEC or 1999/45/EC)Xn; R65. Xi; R38. N; R50/53. R10, R43</p>

04. FIRST AID MEASURES

4.1	Description of first aid measures
Inhalation	Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. Do not induce vomiting.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.
4.2	Most important symptoms and effects, both acute and delayed
	No additional data available.
4.3	Indication of any immediate medical attention and special treatment needed
	No additional data available.

05. FIRE-FIGHTING MEASURES

5.1	Extinguishing Media
	Do not use a direct stream of water to extinguish. Use: Powder. Carbon dioxide (CO ₂).
5.2	Special hazards arising from the product
	Specific hazards: When heated and in case of fire, toxic vapours/gases may be formed.
5.3	Advice for firefighters
	Protective equipment for fire-fighters: Wear Self-contained breathing apparatus. Wear chemical protective clothing.


06. ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures
	Wear protective clothing as described in Section 8 of this safety data sheet.
6.2	Environmental Precautions
	Do not discharge into drains, water courses or onto the ground.
6.3	Methods and material for containment and cleaning up.
	Absorb with inert, non-combustible, inorganic absorbent material, sweep up and remove to an approved disposal container. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.
6.4	Reference to other sections
	No additional data available.

07. HANDLING AND STORAGE

7.1	Precautions for safe handling
	Avoid spilling, skin and eye contact. Adopt best manual handling considerations when handling, carrying and dispensing.
7.2	Conditions for safe storage, including any incompatibilities
	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Keep away from heat, sparks and open flame
7.3	Specific end use(s)
	No additional data available

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
Diethyl Phthalate	
8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	Safety shower and eye bath.
Engineering Measures	Provide adequate ventilation. Respiratory equipment. Self-contained breathing apparatus.
Respiratory Equipment	Protection not required if good ventilation is maintained. Use inhalation protection in poorly ventilated areas.
Hand Protection	Use suitable protective gloves if risk of skin contact.
Eye Protection	Wear approved safety goggles.
Other Protection	Wear rubber apron.
Hygiene Measures	Remove contaminated clothing and wash the skin thoroughly with soap and water after work.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Liquid
Colour	Colourless to pale yellow
Odour	Characteristic
Relative Density 20°C	0.998 – 1.105 @
Flash Point (°C)	>70
Refractive Index 20°C	1.525 - 1.5400 @
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity
No additional data available.
10.2 Chemical stability
Stable under the recommended handling and storage conditions.
10.3 Possible hazardous reactions
No additional data available.
10.4 Conditions to Avoid
Avoid heat, sparks and open flames.
10.5 Incompatible materials
Materials To Avoid: Strong acids, alkali or oxidising agents.
10.6 Hazardous Decomposition Products
In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	ATE oral (mg/kg)28,367.35
Skin corrosion / irritation	May cause an allergic skin reaction..
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	Suspected of damaging fertility or the unborn child.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Photo-toxicity	No additional data available.
Other Information	Butylphenyl Methylpropional Acute toxicity – oral Acute toxicity oral (LD ₅₀ mg/kg) 1,390.0 SpeciesRat ATE oral (mg/kg) 1,390.0

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Limonene Acute aquatic toxicityLE(C) ₅₀ 0.1 < L(E)C50 ≤ 1 M factor (Acute)1 Chronic aquatic toxicity M factor (Chronic)
12.2 Persistence & degradability
The product contains substances which are not expected to be biodegradable
12.3 Bioaccumulation Potential
The product does not contain any substances expected to be bioaccumulating.
12.4 Mobility in soil
The product is insoluble in water.
12.5 Results of PBT and vPvB Assessment
This product does not contain any substances classified as PBT or vPvB..
12.6 Other adverse effects
No additional data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	None.
UN No. SEA	None.
UN No. AIR	None.
14.2 UN proper shipping name	
None	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class:	No transport warning sign required
ICAO Class/Division:	No transport warning sign required
IMDG Class:	No transport warning sign required
Transport Labels	
14.4 Packing group	
Not applicable.	
14.5 Environmental hazards	
Not Environmentally Hazardous Substance	
14.6 Special precautions for user	
Not applicable.	
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
Not applicable.	

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
<p>Statutory Instruments The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Guidance Notes Workplace Exposure Limits EH40. CHIP for everyone HSG(108). 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p>
15.2 Chemical safety assessment
No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child. 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
Other Information	None.

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.