



## MATERIAL SAFETY DATA SHEET

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

<b>1.1 Product Identifier</b>					
Product Name		Amber Fragrance			
Biological Definition		Mixture of natural and synthetic materials			
INCI Name		Parfum			
Synonyms & Trade Names		-			
CAS-No	N/A	EC No.	N/A		-
<b>1.2 Relative identified uses of the substance or mixture and uses advised against</b>					
No further information available.					
<b>1.3 Details of the supplier of the safety data sheet</b>					
NTM UK LTD, 69 Bethel Street, Norwich, Norfolk, United Kingdom NR2 1NR					
<b>1.4 Emergency Tel. No.</b>			+44(0)1603 610883		

### 02. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>		
The Full Text for all Hazard Statements is displayed in Section 16.		
Classification (EC 1272/2008)		
Physical and Chemical Hazards:	Human health: Eye Irrit. Not classified Skin Sens. Environment	Skin Corr. 1 H317: Chronic 2 - Aquatic H411.
<b>2.2 Label Elements</b>		
Label in accordance with (EC) No 1272/2008		
GHS09 	GHS07 	
Signal Word	Warning	
Contains	-	
<b>Hazard Statements</b>		
H317 May cause an allergic reaction H411 Toxic to aquatic life with long lasting effects.		

<b>Precautionary Statements</b>
P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P273 Avoid release in to the environment P280 Wear protective gloves/protective clothing/eyeprotection/face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water P333+P313 If skin irritation or rash occurs: Get medical advice/attention P501 Dispose of contents/container in accordance with national regulations

## Supplementary Precautionary Statements

P272 Contaminated work clothing should not be allowed out of the workplace.  
 P321 Specific treatment (see medical advice on this label).  
 P362+P364 Take off contaminated clothing and wash before reuse.  
 P391 Collect spillage

CONTAINS: ALPHA-ISOMETHYL IONONE, COUMARIN, LIMONENE, CITRONELLOL, HYDROXYCITRONELLAL, GERANIOL, AMYL CINNAMAL, GERANYL ACETATE, UNDECYLENAL

## 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	
<b>Thymus Vulgaris Flower/Leaf Oil</b> CAS-No: 84929-51-1 EC No: 201-291-9 Classification (EC 1272/2008)	60-100% C. R34, Xn. R22-65 Xi. R43 N. R51/53 SkinCorr.1B-H314, Aq. Chr. 2-H411, Asp. Tox.1 - H304 Flam.Liq. 3-H226 Act Tox. 4 H301 Skin Sens. 1-H317
<b>HEXAMETHYLINDANOPYRAN</b> CAS NUMBER: 1222-05-5 M FACTOR (ACUTE) = 1 CLASSIFICATION CLASSIFICATION (67/548/EEC OR 1999/45/EC)	1-5% EC NUMBER: 214-946-9 M FACTOR (CHRONIC) = 1 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 N; R50/53
<b>LINALOOL OXIDE</b> CAS NUMBER: 1365-19-1 CLASSIFICATION CLASSIFICATION (67/548/EEC OR 1999/45/EC)	1-5% EC NUMBER: 215-723-9 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Xn; R22. Xi; R36/38
<b>ALPHA-ISOMETHYL IONONE</b> CAS NUMBER: 127-51-5 CLASSIFICATION CLASSIFICATION (67/548/EEC OR 1999/45/EC)	1-5% EC NUMBER: 204-846-3 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411 Xi; R36/38. N; R51/53. R43.
<b>PHENYLETHYL ALCOHOL</b> CAS NUMBER: 60-12-8 CLASSIFICATION CLASSIFICATION (67/548/EEC OR 1999/45/EC)	1-5% EC NUMBER: 200-456-2 Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Xn; R22. Xi; R36
<b>COUMARIN</b> CAS NUMBER: 91-64-5 CLASSIFICATION CLASSIFICATION (67/548/EEC OR 1999/45/EC)	1-5% EC NUMBER: 202-086-7 Acute Tox. 3 - H301 Skin Sens. 1B - H317 T; R25. R43
<b>LIMONENE</b> CAS NUMBER: 138-86-3 M FACTOR (ACUTE) = 1	<1% EC NUMBER: 205-341-0 M FACTOR (CHRONIC) = 1

CLASSIFICATION	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Xn; R65. Xi; R38. N; R50/53. R10, R43
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	
<b>CITRONELLOL</b> CAS NUMBER: 106-22-9 CLASSIFICATION	<1% EC NUMBER: 203-375-0 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411 Xi; R36/38. N; R51/53. R43.
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	
AMYL SALICYLATE CAS NUMBER: 2050-08-0 M FACTOR (ACUTE) = 1 CLASSIFICATION	<1% EC NUMBER: 218-080-2 M FACTOR (CHRONIC) = 1 Acute Tox. 4 - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Xn; R22. N; R50/53.
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	
HYDROXYCITRONELLAL CAS NUMBER: 107-75-5 CLASSIFICATION	<1% EC NUMBER: 203-518-7 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Xi; R36. R43.
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	
GERANIOL CAS NUMBER: 106-24-1 CLASSIFICATION	<1% EC NUMBER: 203-377-1 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Xi; R41, R38. R43.
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	
AMYL CINNAMAL CAS NUMBER: 122-40-7 CLASSIFICATION	<1% EC NUMBER: 204-541-5 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411 N; R51/53. R43.
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	
UNDECYLENAL CAS NUMBER: 112-45-8 CLASSIFICATION	<1% EC NUMBER: 203-973-1 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 3 - H412 Xi; R36/38. R43. N; R52/53.
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	
GERANYL ACETATE CAS NUMBER: 105-87-3 CLASSIFICATION	<1% EC NUMBER: 203-341-5 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411 Xi; R38. N; R51/53. R43
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	

## 04. FIRST AID MEASURES

<b>4.1</b>	<b>Description of first aid measures</b>
Inhalation	Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues.
Ingestion	Seek medical assistance immediately. Rinse mouth and drink plenty of water. Keep patient under observation.
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.
<b>4.2</b>	<b>Most important symptoms and effects, both acute and delayed</b>
	No additional data available.
<b>4.3</b>	<b>Indication of any immediate medical attention and special treatment needed</b>
	No additional data available.

## 05. FIRE-FIGHTING MEASURES

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


## 06. ACCIDENTAL RELEASE MEASURES

<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>6.2</b>	<b>Environmental Precautions</b>
	Do not discharge into drains, water courses or onto the ground.
<b>6.3</b>	<b>Methods and material for containment and cleaning up.</b>
	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.
<b>6.4</b>	<b>Reference to other sections</b>
	Refer to Section 8 for information on personal protection equipment.

## 07. HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Avoid spilling, skin and eye contact. Adopt best manual handling considerations when handling, carrying and dispensing.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	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. Store separate from strong oxidising agents.
<b>7.3 Specific end use(s)</b>	No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Control parameters</b>	-
<b>8.2 Exposure controls</b>	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	Yellow.
Odour	Characteristic
Relative Density	0.998-1.028 @ 20°C
Flash Point (°C)	85
Refractive Index	1.438-1.468 @ 20°C
Melting Point (°C)	Not determined.
Boiling Point (°C)	Not determined.
Vapour Pressure	Not determined.
Solubility in Water @20°C	Not miscible or difficult to mix.
Auto-ignition temperature (°C)	Not determined.

9.2 Other information	
No additional data available.	

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	
Presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.	
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	
<b>Materials to Avoid:</b> Strong 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

<b>11.1 Information on toxicological effects</b>	
Acute Toxicity	Oral - ATE oral (mg/kg) 15,838.19
Skin corrosion / irritation	Caustic effect on skin and mucous membranes.
Serious eye damage / irritation	May cause an allergic skin reaction.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Photo-toxicity	No additional data available.
TOXICOLOGICAL INFORMATION ON INGREDIENTS.	<p>LINALOOL OXIDE ORAL Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,150.0 Species Rat ATE oral (mg/kg) 1,150.0</p> <p>DERMAL Acute toxicity dermal (LD<sub>50</sub> mg/kg) 2,500.0 Species Rabbit ATE dermal (mg/kg) 2,500.0</p> <p>PHENYLETHYL ALCOHOL ORAL Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,603.3 Species Rat ATE oral (mg/kg) 1,603.3</p> <p>COUMARIN ORAL Acute toxicity oral (LD<sub>50</sub> mg/kg) 293.0 Species Rat ATE oral (mg/kg) 293.0.</p>

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	No additional data available.
<b>12.2 The product contains substances which are not expected to be biodegradable</b>	No additional data available.
<b>12.3 Bioaccumulation Potential</b>	The product does not contain any substances expected to be bioaccumulating
<b>12.4 Mobility in soil</b>	The product is insoluble in water
<b>12.5 Results of PBT and vPvB Assessment</b>	This product does not contain any substances classified as PBT or vPvB
<b>12.6 Other adverse effects</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
<p>HEXAMETHYLINDANOPYRAN ACUTE AQUATIC TOXICITY LE(C)<sub>50</sub> 0.1 &lt; L(E)C50 ≤ 1 M factor (Acute) 1 CHRONIC AQUATIC TOXICITY NOEC 0.001 &lt; NOEC ≤ 0.01 Degradability Rapidly degradable M factor (Chronic) 1</p>	

## 13. DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>
Dispose of in compliance with all local and national regulations.

## 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>	
UN No. Road	3082
UN No. SEA	3082
UN No. AIR	3082
<b>14.2 UN proper shipping name</b>	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Hexamethylindanopyran, Alpha-Isomethyl Ionone)	
<b>14.3 Transport hazard class(es)</b>	
ADR/RID/ADN Class:	9
ICAO Class/Division:	9
IMDG Class:	9
Transport Labels	
<b>14.4 Packing group</b>	
ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III
<b>14.5 Environmental hazards</b>	
Environmentally Hazardous Substance/Marine Pollutant	
<b>14.6 Special precautions for user</b>	
EMS F-A-S-F	
Hazard No. (ADR) 9	
Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances.	
Tunnel Restriction Code (E)	
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b>	
No additional data available.	



## 15. REGULATORY INFORMATION

<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
	<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>
<b>15.2</b>	<b>Chemical safety assessment</b>
	No additional information available.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	<p>H226 Flammable liquid and vapour.            H301 Toxic if swallowed            H302 Harmful if swallowed            H304 May be fatal if swallowed and enters airways.            H315 Causes skin irritation.            H317 May cause an allergic skin reaction.            H318 Causes serious eye damage            H319 Causes serious eye irritation            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</p>
RISK PHRASES IN FULL	<p>R10 Flammable            R22 Harmful if swallowed            R25 Toxic if swallowed            R36 Irritating to eyes</p>
Other Information	None.
Revision Date	20/10/2015
Reason for revision	Updated New Format SDS.
Rev No/Repl, SDS Generated	02

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