


MATERIAL SAFETY DATA SHEET

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

1.1 Product Identifier			
Product Name	Lily of the Valley Fragrance Oil		
Biological Definition	None		
INCI Name	Parfum		
Synonyms & Trade	-		
CAS-No.		EC No.	EINECS No.
1.2 Relative identified uses of the substance or mixture and uses advised against			
No further information available.			
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

2.1 Classification of the substance or mixture	
The Full Text for all Hazard Statements is displayed in Section 16.	
Classification (EC 1272/2008)	
H315, Causes skin irritation. H317, May cause an allergic skin reaction. H319, Causes serious eye irritation. H411, Toxic to aquatic life with long lasting effects.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
	
Signal	Warning
Contains	BUTYLPHENYL METHYLPROPIONAL, AMYL CINNAMAL, 4-TERT-BUTYLCYCLOHEXYL ACETATE, BENZYL SALICYLATE, CITRONELLOL, NEROL, HEXYL CINNAMAL, CYCLAMEN ALDEHYDE, ACETYLCEDRENE, LIMONENE
Hazard Statements	
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. H411 Toxic to aquatic life with long lasting effects	

Precautionary Statements	
<p>P261 Avoid breathing vapour/spray. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.</p>	
Supplementary Precautionary Statements	
<p>P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P264 Wash contaminated skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P308+P313 IF exposed or concerned: Get medical advice/attention. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage. P405 Store locked up. 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

PHENYLETHYL ALCOHOL 5-10% CAS number: 60-12-8 EC number: 200-456-2 Classification Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R36

BUTYLPHENYL METHYLPROPIONAL 5-10% CAS number: 80-54-6 EC number: 201-289-8 Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Repr. 2 - H361 Aquatic Chronic 2 - H411 Classification (67/548/EEC or 1999/45/EC) Xn; R22. Xi; R38. Repr. Cat. 3 R62, R63. N; R51/53. R43 2/ 13

TERPINEOL 1-5% CAS number: 8000-41-7 EC number: 232-268-1 Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Classification (67/548/EEC or 1999/45/EC) Xi; R36/38

AMYL CINNAMAL 1-5% CAS number: 122-40-7 EC number: 204-541-5 Classification Skin Sens. 1B - H317 Aquatic Chronic 2 - H411 Classification (67/548/EEC or 1999/45/EC) N; R51/53. R43

NEROL 1-5% CAS number: 106-25-2 EC number: 203-378-7 Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Classification (67/548/EEC or 1999/45/EC) Xi; R36/38. R43

LINALOOL 1-5% CAS number: 78-70-6 EC number: 201-134-4 Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Classification (67/548/EEC or 1999/45/EC) Xi; R36/38

TRIMETHYLHEXYL ACETATE 1-5% CAS number: 58430-94-7 EC number: 261-245-9 Classification Skin Irrit. 2 - H315 Aquatic Chronic 2 - H411 Classification (67/548/EEC or 1999/45/EC) Xi; R38. N; R51/53

4-TERT-BUTYLCYCLOHEXYL ACETATE 1-5% CAS number: 32210-23-4 EC number: 250-954-9 Classification Skin Sens. 1B - H317 Classification (67/548/EEC or 1999/45/EC) R43 3/

CITRONELLOL 1-5% CAS number: 106-22-9 EC number: 203-375-0 Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411 Classification (67/548/EEC or 1999/45/EC) Xi; R36/38. N; R51/53. R43

KEROSENE 1-5% CAS number: 64742-47-8 EC number: 265-149-8 Classification Asp. Tox. 1 - H304 Classification (67/548/EEC or 1999/45/EC) Xn; R65

BENZYL SALICYLATE 1-5% CAS number: 118-58-1 EC number: 204-262-9 Classification Eye Irrit. 2 - H319 Skin Sens. 1B - H317 STOT RE 2 - H373 Aquatic Chronic 3 - H412 Classification (67/548/EEC or 1999/45/EC) Xn; R48/22. Xi; R36. R43, R52/53

HEXYL CINNAMAL <1% CAS number: 101-86-0 EC number: 202-983-3 M factor (Acute) = 1 Classification Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 Classification (67/548/EEC or 1999/45/EC) N; R50, R51/53. R43

LIMONENE <1% CAS number: 138-86-3 EC number: 205-341-0 M factor (Acute) = 1 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 Classification (67/548/EEC or 1999/45/EC) Xn; R65. Xi; R38. N; R50/53. R10, R43

ACETYLCEDRENE <1% CAS number: 32388-55-9 EC number: 251-020-3 M factor (Acute) = 1 Classification Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Classification (67/548/EEC or 1999/45/EC) N; R50/53. R43

CYCLAMEN ALDEHYDE <1% CAS number: 103-95-7 EC number: 203-161-7 Classification Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Aquatic Chronic 3 - H412 Classification (67/548/EEC or 1999/45/EC) Xi; R38. R43, R52/53

04. FIRST AID MEASURES

4.1	Description of first aid measures
Inhalation	Move the exposed person to fresh air at once. Seek medical attention if any discomfort
Ingestion	Seek medical assistance immediately. Rinse mouth and drink plenty of water. Keep patient
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing.
Eye Contact	Remove victim immediately from source of exposure. Make sure to remove any contact
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 (CO2).
5.2	Special hazards arising from the product
	Specific hazards:
5.3	Advice for firefighters
	Protective equipment for fire-fighters:


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
	Refer to Section 8 for information on personal protection equipment.

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 flames Store separate from strong oxidising agents.
7.3	Specific end use(s)
	No additional data available

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
-	
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	0.995 - 1.030
Flash Point (°C)	>60
Refractive Index @ 20°C	1.485 -1.495
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	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 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
PHENYLETHYL ALCOHOL Acute toxicity - oral Acute toxicity oral (LD ₅₀ mg/kg) 1,603.3 Species Rat ATE oral (mg/kg) 1,603.3
BUTYLPHENYL METHYLPROPIONAL Acute toxicity - oral Acute toxicity oral (LD ₅₀ mg/kg) 1,390.0 Species Rat ATE oral (mg/kg) 1,390.0
AMYL CINNAMAL Acute toxicity - oral ATE oral (mg/kg) 3,730.0
NEROL Acute toxicity - oral Acute toxicity oral (LD ₅₀ mg/kg) 4,500.0 Species Rat ATE oral (mg/kg) 4,500.0
LINALOOL Acute toxicity - oral Acute toxicity oral (LD ₅₀ mg/kg) 2,780.0 Species Rat ATE oral (mg/kg) 2,780.0
TRIMETHYLHEXYL ACETATE Acute toxicity - oral ATE oral (mg/kg) 4,250.0
CITRONELLOL Acute toxicity - oral Acute toxicity oral (LD ₅₀ mg/kg) 3,450.0 Species Rat ATE oral (mg/kg) 3,450.0 Acute toxicity - dermal Acute toxicity dermal (LD ₅₀ mg/kg) 2,650.0 Species Rabbit ATE dermal (mg/kg) 2,650.0
BENZYL SALICYLATE Acute toxicity - oral Acute toxicity oral (LD ₅₀ mg/kg) 2,200.0 Species Rat ATE oral (mg/kg) 2,200.0
CYCLAMEN ALDEHYDE Acute toxicity - oral ATE oral (mg/kg) 3,810.0 Acute aquatic toxicity LE(C) ₅₀ 0.1 < L(E)C ₅₀ ≤ 1 M factor (Acute) 1
ACETYLCEDRENE Acute aquatic toxicity LE(C) ₅₀ 0.1 < L(E)C ₅₀ ≤ 1 M factor (Acute) 1 Chronic aquatic toxicity NOEC 0.01 < NOEC ≤ 0.1 Degradability Rapidly degradable 12.2. Persistence and degradability Persistence and degradability The product contains substances which are not expected to be biodegradable

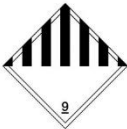

12. ECOLOGICAL INFORMATION

12.1 Toxicity	Toxic to aquatic life with long lasting effects.
12.2 Persistence & degradability	No additional data available.
12.3 Bioaccumulation Potential	No additional data available.
12.4 Mobility in soil	No additional data available.
12.5 Results of PBT and vPvB Assessment	No additional data available.
12.6 Other adverse effects	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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	3082
UN No. SEA	3082
UN No. AIR	3082
14.2 UN proper shipping name	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID N.O.S.	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class:	M6
ICAO Class/Division:	9
IMDG Class:	9
Transport Labels	
	
14.4 Packing group	
ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III
14.5 Environmental hazards	
Environmentally Hazardous Substance/Marine Pollutant	
	
14.6 Special precautions for user	
EMS F-A-S-F	
Hazard No. (ADR)	
Hazard No. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances.	
Tunnel Restriction Code (E)	
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
No additional data available.	

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</p>

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.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	<p>Risk phrases in full</p> <p>R10 Flammable.</p> <p>R22 Harmful if swallowed.</p> <p>R36 Irritating to eyes. R36/38 Irritating to eyes and skin.</p> <p>R38 Irritating to skin.</p> <p>R43 May cause sensitisation by skin contact.</p> <p>R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed. R50 Very toxic to aquatic organisms.</p> <p>R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R62 Possible risk of impaired fertility. R63 Possible risk of harm to the unborn child.</p> <p>R65 Harmful: may cause lung damage if swallowed. Hazard statements in full</p> <p>H226 Flammable liquid and vapour.</p> <p>H302 Harmful if swallowed.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H319 Causes serious eye irritation.</p> <p>H361 Suspected of damaging fertility or the unborn child.</p> <p>H373 May cause damage to organs (Spleen) through prolonged or repeated exposure if swallowed.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful to aquatic life with long lasting effects</p>
Other Information	None.
Revision Date	20/04/2021
Reason for revision	Updated New Format SDS.
Rev No/Repl, SDS Generated	02

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