





SAFETY DATA SHEET

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

1.1 Product Identifier					
Product Name		Eucalyptus Essential Oil			
Biological Definition		The volatile oil obtained from the fresh leaves of the Eucalyptus, <i>Eucalyptus globulus</i> and other species of <i>Eucalyptus</i> , <i>Myrtaceae</i> . Syn.			
INCI Name		Eucalyptus Globulus Leaf Oil			
Synonyms & Trade Names		Eucalyptus Globulus Oil			
CAS-No	8000-48-4/ 84625-32-1	EC No.	283-406-2	EINECS No.	283-406-2
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data available.					
1.3 Details of the supplier of the safety data sheet					
NTM UK Ltd 69 Bethel St Norwich NR2 1NR United Kingdom					
1.4 Emergency Tel. No.+ 44 (0)163 61883					

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
The Full Text for all Hazard Statements is Displayed in Section 16.	
Human health:	The liquid may be irritating to skin. May cause eye damage.
Environment:	May cause long-term adverse effects in the aquatic environment.
Classification (EC 1272/2008)	
Physical and Chemical Hazards:	Flam. Liq. 3 - H226
Human health:	Skin Sens. 1 - H317; Asp. Tox. 1 - H304
Environment:	Aquatic Chronic 2 - H411

2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
   	
GHS07 GHS02 GHS08 GHS09	
Signal Word	Danger
Contains	α -pinene natural, Beta Pinene, Limonene.

Hazard Statements	
<p>H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.</p>	
Precautionary Statements	
<p>P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P262 Do not get in eyes, on skin, or on clothing. P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting. P391 Collect spillage. P501 Dispose of contents/container to ...</p>	
Supplementary Precautionary Statements	
<p>P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/.../equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P302+352 IF ON SKIN: Wash with plenty of soap and water. P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P321 Specific treatment (see ... on this label). P333+313 If skin irritation or rash occurs: Get medical advice/attention. P363 Wash contaminated clothing before reuse. P370+378 In case of fire: Use ... for extinction. P403+235 Store in a well-ventilated place. Keep cool. P405 Store locked up.</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	
60-100% Cineol CAS-No.: 470-67-7 EC No.: 207-428-9 Classification (EC 1272/2008) Flam. Liq. 3 – H226,	
5-10% Limonene CAS-No.: 5989-27-5 EC No.: 227-813-5 Classification (EC 1272/2008) Flam. Liq. 3 – H226, Skin Irrit 2 – H315 Asp Tox. 1 – H304, Skin Sens. 1 – H317 Aquatic Acute 1 – H400, Aquatic Chronic 1 – H410	
≤ 5% g-Terpinene CAS-No.: 99-85-4, EC No.: 202-794-6 Classification (EC 1272/2008) Flam. Liq. 3 - H226 Asp. Tox. 1 - H304	
≤ 5% α-Pinene CAS-No.: 80-56-8 EC No.: 201-291-9 Classification (EC 1272/2008) Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304	
≤ 5% beta-Pinene Cas. No: 127-91-3 EC No: 204-872-5 Classification (EC 1272/2008); Flam. Liq. 3 - H226, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, Asp. Tox. 1 - H304	

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin Contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.
Eye Contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes and get medical attention.
4.2 Most important symptoms and effects, both acute and delayed	
Skin contact: This product is corrosive. Causes skin irritation. Eye contact: Causes serious eye damage.	
4.3 Indication of any immediate medical attention and special treatment needed	
Notes for the doctor: Treat symptomatically.	

05. Fire Fighting Measures

5.1 Extinguishing Media	
Extinguishing media: Carbon dioxide (CO ₂). Powder. Water spray. Fight larger fires with water spray or alcohol resistant foam. Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.	
5.2 Special hazards arising from the product	
5.3 No additional data available.	
Advice for firefighters Special Fire Fighting Procedures - In case of fire: Cool containers exposed to flames with water until well after the fire is out. Protective equipment for fire-fighters - Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	



06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Provide adequate ventilation. For personal protection, see Section 8.ear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.
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.
Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. Avoid open flames or courses of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.
6.4 Reference to other sections
Wear protective clothing as described in Section 8 of this safety data sheet.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling
Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower. Read label before use. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Eliminate all sources of ignition. Do not eat, drink or smoke when using this product.
7.2 Conditions for safe storage, including any incompatibilities
Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from food and drink.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
No additional data available.	
8.2 Exposure controls	
Protective Equipment	
 	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	No specific requirements are anticipated under normal conditions of use.
Hand Protection	Chemical resistant gloves (PVC).
Eye Protection	Wear approved safety goggles.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Avoid inhalation and contact with skin and eyes.
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	Mobile Liquid
Colour	Colourless to pale yellow
Odour	Characteristic
Relative Density	0.905 - 0.925 @ 20°C
Flash Point (°C)	49
Refractive Index	1.457 - 1.467 @ 20°C
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
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	There are no known reactivity hazards associated with this product.
10.2 Chemical stability	Stable under the recommended handling and storage conditions.
10.3 Possible hazardous reactions	None known.
10.4 Conditions to Avoid	Avoid heat, sparks, flames and other sources of ignition.
10.5 Incompatible materials	Avoid strong acids and strong oxidising agents.
10.6 Hazardous Decomposition Products	None known.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Toxicological information Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Skin corrosion / irritation	May cause sensitisation by skin contact.
Serious eye damage / irritation	Spray and vapour in the eyes may cause irritation and smarting
Respiratory or skin sensitisation	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
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.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.



12. ECOLOGICAL INFORMATION

12.1 Toxicity	The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
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	Do not allow product to enter streams, sewers or other waterways. Water hazard classification WGK 2

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of in compliance with all local and national regulations. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.
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14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	1169
UN No. SEA	1169
UN No. AIR	1169
14.2 UN proper shipping name	
EXTRACTS, AROMATIC, LIQUID	
14.3 Transport hazard class(es)	
ADR/RID/ADN Class:3 ADR/RID/ADN Class:3 IMDG Class 3 ICAO Class/Division	
Transport Labels	
	
EMS F-E, S-D	
Emergency Action Code 3Y	
Hazard No. (ADR) 30 Flammable liquid (flash-point between 23°C and 60°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 60°C, heated to a temperature equal to or above its flash-point, or self heating liquid	
14.4 Packing group	
Not bound by transport regulations.	
14.5 Environmental hazards	
Environmentally Hazardous Substance/Marine Pollutant	
	
Water hazard classification WGK 2	
14.6	Special precautions for user
No additional data available.	
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	
<p><u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). <u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</p> <p><u>EU Legislation</u> 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	<p>H226 Flammable liquid and vapour. 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. H332 Harmful if inhaled. H341 Suspected of causing genetic defects. H351 Suspected of causing cancer. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>
Other Information	None.
Revision Date	26/04/2018
Reason for revision	New SDS.

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