



Certificate of Analysis

PRODUCT DETAILS		
Product Name	THYME OIL WHITE NATURAL BLEND	
Product Code	OETHYMWHIT	
Batch Number	4364701	
Best Before End	July 2022	
Identification	CAS No: NA EINECS No: NA	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS
Appearance	Liquid	Conforms
Colour	Pale Yellow to Yellow	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C	0.905 - 0.935	0.91
Refractive Index @ 20°C	1.491 - 1.510	1.496
Optical Rotation °	-12 to 0	-6.7
Flash Point °C	≥60	Conforms
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. **It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.**

Issue No: 1



**SAFETY DATA SHEET
THYME OIL WHITE**

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name THYME OIL WHITE
Product number OETHYMWHIT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Industrial, only for professional use

1.3. Details of the supplier of the safety data sheet

Supplier

MADAR Corporation Limited
19-20 Sandleheath Industrial Estate
Fordingbridge
SP6 1PA
Tel. +44 1425 655555 (Opening Hours 9am - 5pm)
e-mail sales@madarcorporation.co.uk

Approved sellers Cosmetic Butters, Mystic moments, New Directions, World of Moulds

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226
Health hazards Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335 Asp. Tox. 1 - H304
Environmental hazards Aquatic Chronic 2 - H411
Human health Harmful if swallowed. May be fatal if swallowed and enters airways. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause respiratory irritation.
Environmental Toxic to aquatic life with long lasting effects.
Physicochemical Flammable liquid and vapour

2.2. Label elements

Pictogram



Signal word

Danger

THYME OIL WHITE

Hazard statements	<p>H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. H411 Toxic to aquatic life with long lasting effects.</p>
Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing vapour/ spray. P272 Contaminated work clothing should not be allowed out of the workplace. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with national regulations.</p>
Contains	<p>thymol, p-Cymene, Linalool, Alpha Pinene, 7-methyl-3-methylenoocta-1,6-diene</p>
Supplementary precautionary statements	<p>P240 Ground/ bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352 IF ON SKIN: Wash with plenty of water. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 Specific treatment (see medical advice on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P363 Wash contaminated clothing before reuse. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P391 Collect spillage. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.</p>

2.3. Other hazards

THYME OIL WHITE

SECTION 3: Composition/information on ingredients

3.2. Mixtures

p-Cymene	30 - 40%
CAS number: 99-87-6	EC number: 202-796-7
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Asp. Tox. 1 - H304	
thymol	30 - 40%
CAS number: 89-83-8	EC number: 201-944-8
Classification Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	
p-menth-1-en-8-ol	7 - 10%
CAS number: 98-55-5	EC number: 202-680-6
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	
Linalool	4 - 7%
CAS number: 78-70-6	EC number: 201-134-4
Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	
7-methyl-3-methyleneocta-1,6-diene	1 - 4%
CAS number: 123-35-3	EC number: 204-622-5
M factor (Acute) = 1	M factor (Chronic) = 1
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

THYME OIL WHITE

Alpha Pinene	1 - 4%
CAS number: 80-56-8	EC number: 201-291-9
M factor (Acute) = 1	M factor (Chronic) = 1
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Maintain an open airway. Get medical attention.
Ingestion	Aspiration hazard if swallowed. Rinse mouth thoroughly with water. Do not induce vomiting. Move affected person to fresh air at once. Get medical attention.
Skin contact	Wash skin thoroughly with soap and water or use an approved skin cleanser. Continue to rinse for at least 15 minutes. Get medical attention.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

General information	After continuous contact with skin and/or eyes causes burns and sores of hard cicatrisation. On a reduced number of people the exposure to the product may induce allergic reactions. An intake of this product at high concentration causes burns and ulcers of mucous membranes on the mouth, pharynx, oesophagus and gastrointestinal tract.
----------------------------	---

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use as appropriate carbon dioxide (CO ₂), dry chemical or foam
Unsuitable extinguishing media	For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Combustible liquid.
-------------------------	---------------------

5.3. Advice for firefighters

Protective actions during firefighting	Do not inhale explosion and/or combustion gases. Use self contained breathing apparatus. Containers close to fire should be removed or cooled with water. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear full protective clothing

THYME OIL WHITE

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. 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. Avoid inhalation of vapours. Use suitable respiratory protection if ventilation is inadequate. Treat the spilled material according to the instructions in the clean-up section. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal. Never return spills in original containers for re-use. Use non sparking tools. Ventilate area and wash spill site after pickup is complete. Wash spill site after material pick up is complete. No smoking, sparks, flames or other sources of ignition near spillage.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid release to the environment. Do not empty into drains. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

p-menth-1-en-8-ol (CAS: 98-55-5)

PNEC

- Fresh water; Short term 68 mg/l
- Marine water; Short term 6.8 mg/l
- STP; Short term 2.6 mg/l
- Sediment (Freshwater); Short term 1.85 mg/kg
- Sediment (Marinewater); Short term 0.185 mg/kg
- Soil; Short term 0.329 mg/kg

Linalool (CAS: 78-70-6)

THYME OIL WHITE

DNEL

Workers - Dermal; Short term systemic effects: 5 mg/kg
 Workers - Inhalation; Short term systemic effects: 16.5 mg/m³
 Workers - Dermal; Long term systemic effects: 2.5 mg/kg
 Workers - Inhalation; Long term systemic effects: 2.8 mg/m³
 General population - Oral; Short term systemic effects: 1.5 mg/kg
 General population - Dermal; Short term systemic effects: 2.5 mg/kg
 General population - Inhalation; Short term systemic effects: 4.1 mg/m³
 General population - Oral; Long term systemic effects: 0.2 mg/kg
 General population - Dermal; Long term systemic effects: 1.25 mg/kg
 General population - Inhalation; Long term systemic effects: 0.7 mg/m³
 - ; :

PNEC

- STP; Short term 10 mg/l
- Soil; Short term 0.327 mg/kg
- Intermittent release; Short term 2 mg/l
- Fresh water; Short term 0.2 mg/l
- Marine water; Short term 0.02 mg/l
- Sediment (Freshwater); Short term 2.22 mg/kg
- Sediment (Marinewater); Short term 0.222 mg/kg

7-methyl-3-methyleneocta-1,6-diene (CAS: 123-35-3)

DNEL

Workers - Dermal; Long term systemic effects: 0.83 mg/kg
 Workers - Inhalation; Long term systemic effects: 5.83 mg/m³
 General population - Dermal; Long term systemic effects: 0.42 mg/kg
 General population - Inhalation; Long term systemic effects: 1.25 mg/m³

PNEC

- STP; 0.2 mg/l
- Soil; 1.015 mg/kg
- Fresh water; 0.00028 mg/l
- Marine water; 0.0008 mg/l
- Sediment (Freshwater); 5.022 mg/kg
- Sediment (Marinewater); 0.502 mg/kg

Alpha Pinene (CAS: 80-56-8)

DNEL

Workers - Inhalation; Long term systemic effects: 3.8 mg/m³
 Workers - Dermal; Long term systemic effects: 0.54 mg/kg, bw/day
 General population - Inhalation; Long term systemic effects: 0.67 mg/m³
 General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day
 General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day

PNEC

- Fresh water; Short term 0.606 mg/l
- Fresh water, Intermittent release; 3.03 mg/l
- Marine water; Short term 0.061 mg/l
- Intermittent release, Marine water; 0.303 mg/l
- STP; Short term 0.2 mg/l
- Sediment (Freshwater); Short term 157 mg/kg
- Sediment (Marinewater); Short term 15.7 mg/kg
- Soil; Short term 31.7 mg/kg

8.2. Exposure controls

THYME OIL WHITE

Protective equipment



Appropriate engineering controls

Provide eyewash station Provide adequate ventilation.

Personal protection

Use personal protection according to Directive 89/686/EEC

Eye/face protection

Approved safety goggles.

Hand protection

Chemical resistant gloves (PVC)

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Good personal hygiene procedures should be implemented.

Respiratory protection

Generally unnecessary in a well ventilated area.
If ventilation is insufficient, respiratory protection must be worn.

Environmental exposure controls

Avoid discharging into drains. Do not allow run-off fire fighting to enter drains or water courses.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Pale Yellow. to Yellow.
Odour	Characteristic.
Flash point	≥ 60°C
Relative density	0.905 - 0.935 @ 20°C
Solubility(ies)	Insoluble in water.
Partition coefficient	No information available.

9.2. Other information

Refractive index	1.491 - 1.510 @ 20°C
Optical Rotation	-12 to 0

Hydrocarbon Content

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Flammable/combustible materials.

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No data available.

10.4. Conditions to avoid

BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: technical@madarcorporation.co.uk

THYME OIL WHITE

Conditions to avoid Keep away from heat sources, open flames and sunlight.

10.5. Incompatible materials

Materials to avoid Strong Oxidants such as Liquid Chlorine and concentrated oxygen.

10.6. Hazardous decomposition products

Hazardous decomposition products Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.

THYME OIL WHITE

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Harmful if swallowed.

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No information available.

Skin corrosion/irritation

Skin corrosion/irritation Causes severe skin burns and eye damage.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure May cause respiratory irritation.

Aspiration hazard

Aspiration hazard Aspiration hazard if swallowed. May be fatal if swallowed and enters airways.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity Toxic to aquatic life with long lasting effects.

Acute toxicity - microorganisms No data available.

Chronic toxicity - aquatic invertebrates No data available.

12.2. Persistence and degradability

Biodegradation No information available.

12.3. Bioaccumulative potential

Partition coefficient No information available.

12.4. Mobility in soil

Surface tension No information available.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid discharging into drains. Avoid releasing into the environment.

BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

THYME OIL WHITE

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	2924
UN No. (IMDG)	2924
UN No. (ICAO)	2924
UN No. (ADN)	2924

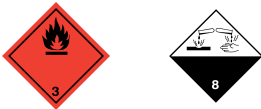
14.2. UN proper shipping name

Proper shipping name (ADR/RID)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
Proper shipping name (IMDG)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
Proper shipping name (ICAO)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
Proper shipping name (ADN)	FLAMMABLE LIQUID, CORROSIVE, N.O.S.

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID subsidiary risk	8
ADR/RID classification code	FC
ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	8
ICAO class/division	3
ICAO subsidiary risk	8
ADN class	3
ADN subsidiary risk	8

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS F-E, S-C

THYME OIL WHITE

ADR transport category	3
Emergency Action Code	•3W
Hazard Identification Number (ADR/RID)	38
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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) (as amended). Dangerous Preparations Directive 1999/45/EC.
----------------	--

Guidance	CHIP for everyone HSG228.
----------	---------------------------

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	06/11/2017
Revision	1
SDS number	5074
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory 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.

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.



Product Specification

PRODUCT DETAILS		
Product Name	THYME OIL WHITE BORNEOL TYPE	
Product Code	OETHYMWHIT	
Tariff Number	33012941	
INCI Name	Thymus Satureoides Coss, T. Spp	
Country of origin	Morocco	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural. This product does not contain any solvents or additives.	
Food Grade Status	We confirm from information received from our supplier that this product is food grade. It is manufactured in a good manner appropriate for usage in foods in accordance with the good manufacturing practice guideline according to EU-guideline 1334/2008 and according to FDA approved.	
Kosher Certified	No but can be added	
Halal Certified	We hereby declare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Natural and pure essential oil obtained by steam distillation from the flowers	
Identification	CAS No: NA EINECS No: NA	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid	
Colour	Pale Yellow	
Odour	Aromatic	
Relative Density @ 20°C	0.900 - 0.9450	
Refractive Index @ 20°C	1.4800 - 1.5050	
Optical Rotation °	-20.00 to -5.00	
Flash Point °C	48c	
Solubility	Insoluble in water	
FRAGRANCE ALLERGENS		
Limonene (5989-27-5) <1%	Geraniol (106-24-1) <1%	Linalool (78-70-6) 5-10%
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
Eugenol (97-53-0) <0.5%	Geraniol (106-24-1) <1%	Methyl Eugenol (93-15-2) <0.5%
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed original container in a dry, cool and well ventilated place away from heat, open flames and sunlight.	

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation Ltd make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.



Vegan Statement

IDENTIFICATION	
Product:	Thyme White
Cas No:	N/A
EINECS No:	N/A
STATEMENT	
<p>We, MADAR Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>10th January 2019</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	