

# **Certificate of Analysis**

PRODUCT DETAILS							
Product Name		ST JOHNS WORT OIL ORGANIC					
Batch/Lot Number		4475703					
Expiry Date		July 2025					
Invoice Number		PINV-17461					
Identification		CAS No: 68917-49-7 Alternat		Alternative (	ive CAS : 84082-80-4		
			EINECS No: 282-026-4				
PHYSICAL AND CHEI	MICAL CH	ARACTERISTIC					
		SPECIFICATION RANGE			RESULTS		
Appearance		Liquid			Conforms		
Colour		Pale Yellow			Conforms		
Odour		Spicy, Characterisitc			Conforms		
MAIN CONSTITUEN	ΓS						
CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE	RESULTS	CONSTITUENT RANGE RESULTS		RESULTS	
Alpha Pinene <b>&lt;25</b> %	18.97%	Beta Pinene <15%	6.27%	Myrcene <b>&lt;3% 1.06%</b>		1.06%	
Trans-ocimene <5%	0.42%	nonane <5%	3.55%				
STORAGE AND SHEL	F LIFE						
Storage		Store in tightly closed container with minimum headspace in a cool, dark and dry place.					
Shelf Life		24 months unopened and stored as above.					

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 Global Essence 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.



# **CMR STATEMENT**

IDENTIFICATION				
Product:	ST JOHNS WORT OIL ORGANIC			
Cas No:	68917-49-7			
EINECS No:	282-026-4			
STATEMENT				

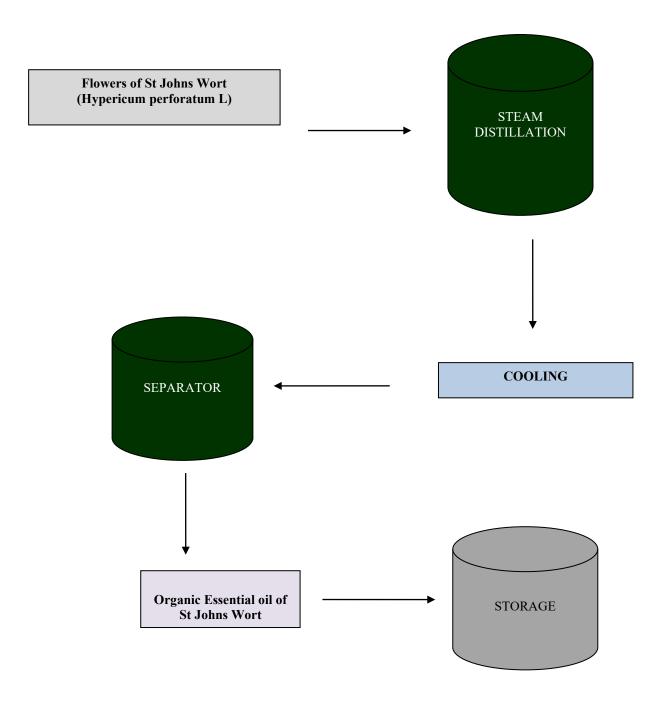
We, from information received from our supplier, hereby declare that the material listed above contains the following CMR substances or traces of CMR substances (Carcinogenic, Mutagenic, Toxic for reproduction) graded 1A, 1B and 2 listed below in accordance with the 1272/2008/E Regulation:

Components	% Total
P-Cymene	< 3%

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.



# PROCESSING – ST JOHNS WORT ORGANIC FLOW CHART



# MYSTIC MOMENTS

# SAFETY DATA SHEET ST JOHNS WORT OIL ORGANIC

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

1.1. Product identifier

Product name ST JOHNS WORT OIL ORGANIC

Synonyms; trade names HYPERICUM PERFORATUM OIL

**CAS** number Alternative 68917-49-7 Cas Number 84082-80-4

**EC** number 282-026-4

# 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

Madar Corporation Limited Supplier

19+ - 20 Sandleheath Industrial Estate

Fordingbridge SP6 1PA

Tel. +44 1425 655 555

e-mail technical madar corporation.co.uk

#### 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 Irrit. 2 - H315 Skin Sens. 1 - H317 Repr. 2 - H361 Asp. Tox. 1 -

**Environmental hazards** Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

**Human health** May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

**Environmental** Very toxic to aquatic life with long lasting effects.

**Physicochemical** Flammable liquid

2.2. Label elements

**EC** number 282-026-4

#### Hazard pictograms









#### Signal word

#### Danger

#### Hazard statements

H226 Flammable liquid and vapour.

H302 Harmful if swallowed. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H361 Suspected of damaging fertility or the unborn child. H304 May be fatal if swallowed and enters airways. H410 Very toxic to aquatic life with long lasting effects.

#### **Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P233 Keep container tightly closed. P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P302+P352 IF ON SKIN: Wash with plenty of water.

P501 Dispose of contents/ container in accordance with national regulations.

#### **Contains**

Alpha Pinene, Beta Pinene, Beta Caryophyllene, trans-ocimene, nonane, undecane, 7-

methyl-3-methyleneocta-1,6-diene, p-Cymene

# Supplementary precautionary statements

ary P24

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

P261 Avoid breathing vapour/ spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water or shower.

P321 Specific treatment (see medical advice on this label).

P331 Do NOT induce vomiting.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P391 Collect spillage.

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

#### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Alpha Pinene <25%

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

Beta Pinene <15%

CAS number: 127-91-3 EC number: 242-060-2

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

Beta Caryophyllene <10%

CAS number: 87-44-5 EC number: 201-746-1

Classification

Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Chronic 4 - H413

undecane <5%

CAS number: 1120-21-4 EC number: 214-300-6

Classification

Asp. Tox. 1 - H304

trans-ocimene <5%

CAS number: 13877-91-3 EC number: 237-641-2

M factor (Acute) = 1

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

nonane <5%

CAS number: 111-84-2 EC number: 203-913-4

M factor (Chronic) = 1

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 1 - H410

p-Cymene <3%

CAS number: 99-87-6 EC number: 202-796-7

Classification

Flam. Liq. 3 - H226 Repr. 2 - H361 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411

7-methyl-3-methyleneocta-1,6-diene

CAS number: 123-35-3 EC number: 204-622-5

M factor (Acute) = 1

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

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 Ren

Remove person to fresh air and keep comfortable for breathing. Get medical attention.

<3%

Revision date: 02/11/2021 Revision: 2 Supersedes date: 07/07/2017

# ST JOHNS WORT OIL ORGANIC

**Ingestion** Rinse mouth thoroughly with water. Aspiration hazard if swallowed. Do not induce vomiting.

Get medical attention.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. 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. Get medical attention if any discomfort continues.

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

**General information** No further information available at this time.

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

#### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.

Unsuitable extinguishing

media

For safety reasons do not use full water jet.

#### 5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire, toxic fumes like carbon monoxide and carbon dioxide may be liberated.

Burning produces heavy smoke.

5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours.

Special protective equipment

for firefighters

Wear full protective clothing

#### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions 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. Wear suitable protective equipment, including gloves, goggles/face shield,

respirator, boots, clothing or apron, as appropriate.

#### 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. 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. Do not get in eyes, on skin, or on clothing. Avoid breathing vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not eat, drink or smoke when using this product.

#### 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)

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#### ST JOHNS WORT OIL ORGANIC

#### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

#### Alpha Pinene (CAS: 80-56-8)

**DNEL** Workers - Inhalation; Long term systemic effects: 3.8 mg/m<sup>3</sup>

Workers - Dermal; Long term systemic effects: 0.54 bw/day, mg/kg 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/lmarine 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/kgSediment (Marinewater); Short term 15.7 mg/kg

- Soil; Short term 31.7 mg/kg

#### Beta Pinene (CAS: 127-91-3)

**DNEL** Workers - Inhalation; Long term systemic effects: 5.69 mg/m³

Workers - Dermal; Long term systemic effects: 0.8 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 1 mg/m³

General population - Dermal; Long term systemic effects: 0.3 mg/kg, bw/day General population - Oral; Long term systemic effects: 0.3 bw/day, mg/kg

PNEC - Fresh water; Short term 1.004 mg/l

- Intermittent release, Fresh water; 5.02 mg/l

- marine water; Short term 0.1 mg/l

- STP; Short term 3.26 mg/l

Sediment (Freshwater); Short term 0.337 mg/kg
Sediment (Marinewater); Short term 0.034 mg/kg

- Soil; Short term 0.067 mg/kg

#### nonane (CAS: 111-84-2)

**DNEL** Workers - Inhalation; Long term systemic effects: 2.035 mg/m³

Workers - Dermal; Long term systemic effects: 773 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 608 mg/m³

General population - Dermal; Long term systemic effects: 699 mg/kg, bw/day General population - Oral; Long term systemic effects: 699 mg/kg, bw/day

PNEC - Fresh water; Short term 3.6 mg/l

- marine water; Short term 3.6 mg/l

- STP; Short term 54 mg/l

Sediment (Freshwater); Short term 0.62 mg/kgSediment (Marinewater); Short term 0.62 mg/kg

- Soil; Short term 0.25 mg/kg

undecane (CAS: 1120-21-4)

PNEC - Fresh water; Short term 0.92 mg/l

- marine water; Short term 0.92 mg/l

- STP; Short term 14 mg/l

Sediment (Freshwater); Short term 1 mg/kgSediment (Marinewater); Short term 1 mg/kg

- Soil; Short term 1 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/m<sup>3</sup>

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/kgSediment (Marinewater); 0.502 mg/kg

#### 8.2. Exposure controls

#### 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.

#### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Pale yellow to yellow

Odour Spicy Characteristic.

Flash point  $\geq 30^{\circ}$ C

**Relative density** 0.780 - 0.810 @ 20°C

Solubility(ies) Soluble in ethanol. Insoluble in water.

9.2. Other information

**Refractive index** 1.435 - 1.445 @ 20°C

Optical Rotation -5 to +10

**Hydrocarbon Content** 

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** The substance is stable under normal storage and handling conditions.

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

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid No data available.

# 10.6. Hazardous decomposition products

Hazardous decomposition

products

No dangerous decomposition products expected by intended use.

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No data available.

Acute toxicity - oral

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) No data available.

Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) No data available.

Skin sensitisation

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# ST JOHNS WORT OIL ORGANIC

**Skin sensitisation** May cause an allergic skin reaction.

Aspiration hazard

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

#### SECTION 12: Ecological information

#### 12.1. Toxicity

**Toxicity** Very toxic to aquatic life with long lasting effects.

Acute aquatic toxicity

Acute toxicity - terrestrial No data available.

## 12.2. Persistence and degradability

Persistence and degradability No data available.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential No data available.

12.4. Mobility in soil

#### 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. Do not empty into drains.

#### **SECTION 14: Transport information**

#### 14.1. UN number

**UN No. (ADR/RID)** 1169

**UN No. (IMDG)** 1169

**UN No. (ICAO)** 1169

**UN No. (ADN)** 1169

#### 14.2. UN proper shipping name

Proper shipping name

EXTRACTS, AROMATIC, LIQUID

(ADR/RID)

Proper shipping name (IMDG) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ICAO) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ADN) EXTRACTS, AROMATIC, LIQUID

## 14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

#### Transport labels



#### 14.4. Packing group

ADN packing group

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

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

Ш

No.

#### 14.6. Special precautions for user

EmS F-E, S-D

ADR transport category 3

Emergency Action Code 3Y

Hazard Identification Number

(ADR/RID)

Tunnel restriction code (D/E)

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

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# SECTION 15: Regulatory information

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

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16

December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Guidance CHIP for everyone HSG228.

#### 15.2. Chemical safety assessment

# SECTION 16: Other information

Revision date 02/11/2021

Revision 2

Supersedes date 07/07/2017

SDS number 4982

Hazard statements in full 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.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

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.

H413 May cause long lasting harmful effects to aquatic life.

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# **Product Specification**

PRODUCT DETAILS				
Product Name	ST JOHNS WORT OIL ORGANIC			
Country of Origin	Bulgaria			
Tariff Number	33012941			
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.			
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.			
Kosher Certified	No			
Halal Certified	Not Certified			
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.			
Identification	CAS No: 68917-49-7	Alternative CAS: 84082-80-4		
	EINECS No: 282-026-4			
PHYSICAL AND CHEMICA	L CHARACTERISTIC			
Appearance	Liquid	Liquid		
Colour	Pale Yellow to Yellow			
Odour	Spicy, Characterisitc			
Relative Density @ 20°c	0.783 - 0.805			
Refractive Index @ 20°c	1.435 - 1.445	1.435 - 1.445		
Flash Point °C	≥31			
Angular Rotation (°)	-5 to +10			
Solubilities	Insoluble in Water, Soluable	in Ethanol		
FRAGRANCE ALLERGENS				
Limonene (5989-27-5) <0.5%				
FOOD ALLERGENS				
NONE PRESENT				
IFRA				
NONE PRESENT				
STORAGE AND SHELF LIF	E			
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.			
Shelf Life	24 months unopened and stored as above.			
	<u> </u>			

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# **Vegan and Vegetarian Statement**

IDENTIFICATION				
Product:	ST JOHN WORT OIL ORGANIC			
Cas No:	68917-49-7			
EINECS No:	282-026-4			
STATEMENT				

We, from information received from our supplier, hereby declare that the material listed above is suitable for the following:

Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey).

Lacto Vegetarians (Same as vegan but allows milk products and bee products.

Ovo Vegetarians (Same as vegan but allows egg products and bee products)

It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.

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.