



Life - Health - Beauty

Certificate of Analysis

PRODUCT DETAILS

Product Name	MARJORAM OIL SWEET	
Product Code	OEMARJ	
Batch Number	4386608	
Expiry Date	FEBRUARY 2023	
Identification	CAS No: 84082-58-6 Alternative Cas: 8015-01-8	EINECS No: 282-004-4

PHYSICAL AND CHEMICAL CHARACTERISTIC

	SPECIFICATION RANGE	RESULTS
Appearance	Liquid	Conforms
Colour	Pale Yellow	Conforms
Odour	Spicy, Aromatic	Conforms
Flash Point °C	57.5	Conforms
Refractive Index @ 20°C	1.460 - 1.480	1.4746
Relative Density @ 20°C	0.890 - 0.920	0.8939

STORAGE AND SHELF LIFE

Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.
Shelf Life	3 years unopened and stored as above.

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Allergens Declaration

Product Name	Marjoram Oil Sweet				
INCI Name	Origanum Majorana Leaf Oil				
Date	18/07/2016	Product Code	-	Revision	02

MATERIAL	CAS NUMBER	COSMETIC ALLERGENS INCLUSION (%)
AMYL CINNAMAL	122-40-7	-
BENZYL ALCOHOL	100-51-6	-
CINNAMYL ALCOHOL	104-54-1	-
CITRAL	5392-40-5	-
EUGENOL	97-53-0	< 0.1
HYDROXYCITRONELLAL	107-75-5	-
ISO EUGENOL	97-54-1	-
AMYL CINNAMYL ALCOHOL	101-85-9	-
BENZYL SALICYLATE	118-58-1	-
CINNAMAL	104-55-2	-
COUMARIN	91-64-5	-
GERANIOL	106-24-1	< 0.2
HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	-
ANISE ALCOHOL	105-13-5	-
BENZYL CINNAMATE	103-41-3	-
FARNESOL	4602-84-0	-
BUTYLPHENYLMETHYLPROPIONAL	80-54-6	-
LINALOOL	78-70-6	< 25.0
BENZYL BENZOATE	120-51-4	< 0.1
CITRONELLOL	106-22-9	< 0.1
HEXYL CINNAMAL	101-86-0	-
LIMONENE	5989-27-5	< 5.0
METHYL 2-OCTYNOATE	111-12-6	-
ALPHA-ISOMETHYLIONONE	127-51-5	-
EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
EVERNIA FURFURACEA EXTRACT	90028-67-4	-

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IFRA Conformity Certificate

Product Name	Marjoram Oil Sweet		
INCI Name	Origanum Marjorana Leaf Oil		
Product Code	-		
Revision No	01	Date	18/07/2016

MADAR Corporation hereby certify that the above named material conforms to the IFRA 48 Code of Practise and contains the following restricted components also listed in the 48th Amendment of the IFRA Code of Practise.

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Linalool	78-70-6	< 25.0	Specification Std
Limonene	5989-27-5	< 5.0	Specification Std
Benzyl benzoate	120-51-4	< 0.1	Restriction Std (QRA Cat.)
Citronellol	106-22-9	< 0.1	Restriction Std (QRA Cat.)
Eugenol	97-53-0	< 0.1	Restriction Std (QRA Cat.)
Geraniol	106-24-1	< 0.2	Restriction Std (QRA Cat.)
Benzaldehyde	100-52-7	< 0.1	Restriction Std (QRA Cat.)
Carvone	99-49-0	< 0.1	Restriction Std (QRA Cat.)
trans-2-Hexenal	6728-26-3	< 0.1	Restriction Std (QRA Cat.)
Methyl eugenol from naturals	93-15-2	< 0.1	Restriction Std (non QRA)
Estragole (methyl chavicol)	140-67-0	< 0.1	Restriction Std (non QRA)
Furfural	98-01-1	< 0.1	Restriction Std (non QRA)

Additional Comments

According to Cosmetic Regulation (EC) No 1223/2009 Annex III methyl eugenol is restricted to a maximum concentration in a ready to use preparation as follows

Fine fragrance – 0.01%

Eau de toilette - 0.004%

Fragrance cream - 0.002%

Other leave-on products and oral products - 0.0002%

Rinse-off products - 0.001%

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.

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IFRA Conformity Certificate

IFRA Classes	% Maximum Use Level
Class 1	0.4
Class 2	0.4
Class 3A	8.0
Class 3B	20.0
Class 3C	0.4
Class 3D	0.4
Class 4A	8.0
Class 4B	20.0
Class 4C	0.4
Class 4D	4.0
Class 5	0.4
Class 6	1.0
Class 7A	0.4
Class 7B	0.4
Class 8A	0.4
Class 8B	1.0
Class 9A	1.0
Class 9B	10.0
Class 9C	10.0
Class 10A	10.0
Class 10B	0.4
Class 11	10.0

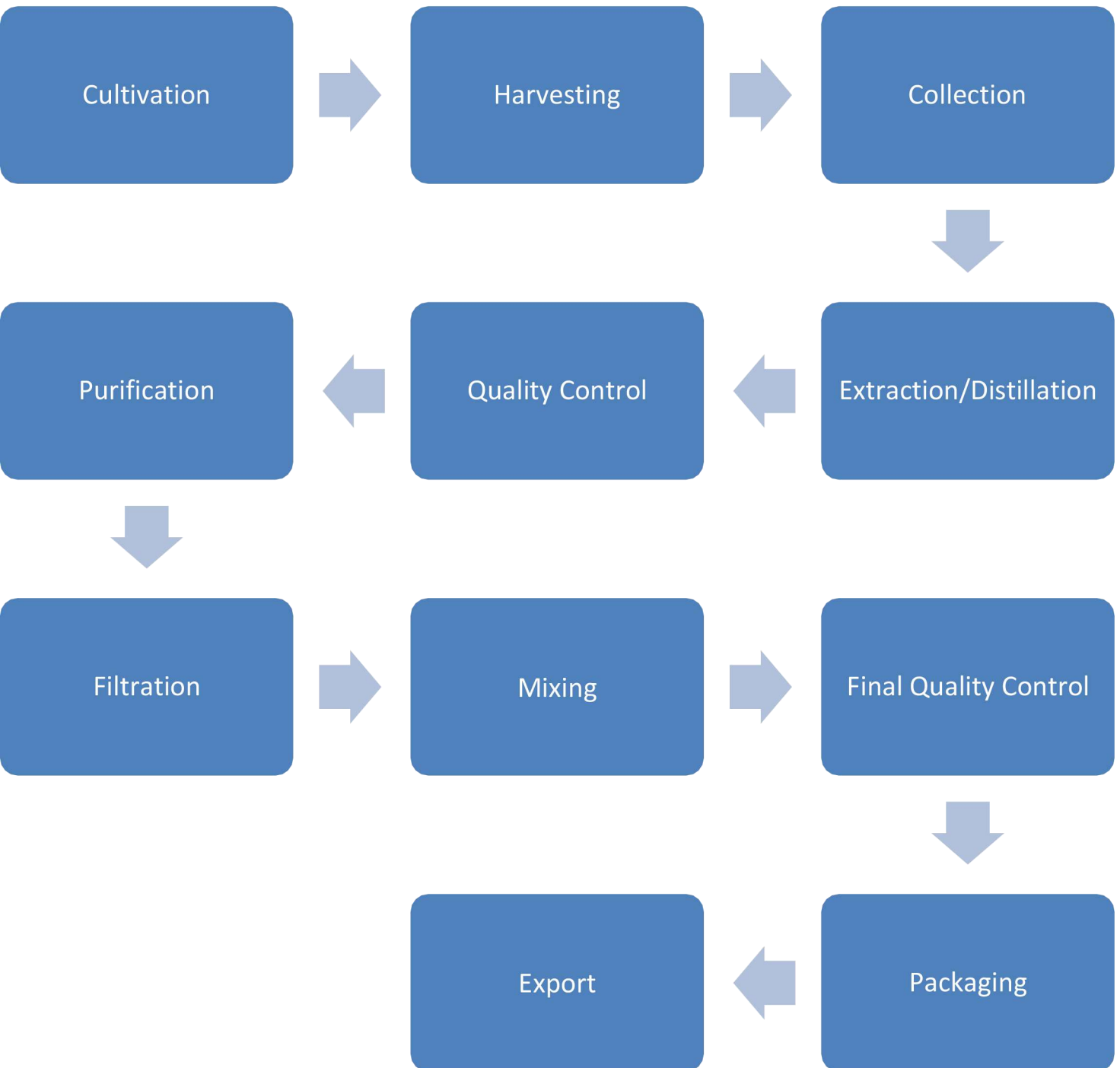
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IFRA Conformity Certificate

Finished product types	IFRA class
Toys; Lip Products of all types (solid and liquid lipsticks, balms, clear or colored etc...)	Class 1
Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc...)	Class 2
Hydroalcoholic products applied to recently shaved skin (EdT range)	Class 3.A
Hydroalcoholic products applied to recently shaved skin (fine fragrance range)	Class 3.B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc...) including eye cream. Men's Facial Creams and Balms	Class 3.C
Tampons.	Class 3.D
Hydroalcoholic Products applied to unshaved skin (EdT range). Ingredients of Perfume Kits. Scent Strips for Hydroalcoholic Products, "scratch and sniff", other paper products not mentioned elsewhere for which skin exposure is only incidental (e.g. spectacle cleaning tissues).	Class 4.A
Hydroalcoholic Products applied to unshaved skin (Fine Fragrance range).	Class 4.B
Hair Styling Aids and Hair Sprays of all types (pumps, aerosol sprays, etc...); Hair Deodorant. Body Creams, Oils, Lotions of all types (including baby creams, lotions, oils). Fragrance Compounds for Cosmetic Kits, Foot Care Products	Class 4.C
Fragrancing Cream	Class 4.D
Women's Facial Creams/Facial Make-up (excluding eye cream); Facial Masks; Hand Cream Wipes or refreshing tissues for Face, Neck, Hands, Body.	Class 5
Mouthwash, Toothpaste.	Class 6
Intimate Wipes; Baby Wipes.	Class 7 A
Insect Repellent (intended to be applied to the skin).	Class 7 B
Make-up Removers of all types (not including face cleansers). Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc...). Nail Care. All Powders & Talcs (including baby powders and talcs).	Class 8
Liquid Soap, Bar Soap (toilet soap); Depilatory; Conditioner (rinse-off), Shampoos of all types (including baby shampoos).Face Cleansers of all types (washes, gels, scrubs, etc...).Shaving Creams of all types (stick, gels, foams, etc...).Body Washes of all types (including baby washes).Shower Gels of all types; Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater	Class 9.A
Feminine hygiene pads / liners.	Class 9.B
'Other' Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids spray).	Class 9.C
Hand wash/Machine wash Laundry Detergents of all types (liquid, powder, tablet, etc...) including Laundry Bleaches. Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc...) . Dry Cleaning Kits. Fabric Softeners of all types including fabric softener sheets. Hand Dishwashing Detergent. Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc...). Shampoos for pets	Class 10.A
Diapers. Toilet seat wipes.	Class 10.B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etc...excluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Liquid refills for air fresheners (cartridge system)	Class 11.A
All incidental skin contact, including: Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquid tabs). Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder). Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), etc... Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odored Distilled Water (that can be added to steam irons).	Class 11.B

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MARJORAM OIL SWEET
PRODUCTION FLOW CHART





SAFETY DATA SHEET MARJORAM OIL

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

1.1. Product identifier

Product name	MARJORAM OIL
Product number	MARJSW1001
CAS number	84082-58-6
Alternative Cas Number	8015-01-8
EC number	282-004-4

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

Identified uses	Fragrance and flavour
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1.3. Details of the supplier of the safety data sheet

Supplier	<p>Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA Tel. +44 1425 655 555(Opening Hours 9am - 5pm) e-mail technical@madarcorporation.co.uk</p>
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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	Skin Sens. 1 - H317 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411

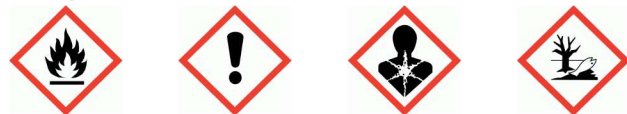
Human health May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Environmental Toxic to aquatic life with long lasting effects.

Physicochemical Flammable liquid and vapour.

2.2. Label elements

EC number	282-004-4
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MARJORAM OIL**Pictogram****Signal word**

Danger

Hazard statements

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.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P264 Wash contaminated skin thoroughly after handling.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

p-mentha-1,4-diene, Alpha Terpinene, Sabinene, 7-methyl-3-methyleneocta-1,6-diene, a terpinolene, (R)-p-mentha-1,8-diene, Beta Caryophyllene, Linalool, 1, 8 cineole, Alpha Pinene, Beta Phellandrene, p-Cymene, Beta Pinene

Supplementary precautionary statements

P233 Keep container tightly closed.
 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.
 P261 Avoid breathing vapour/ spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 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).
 P331 Do NOT induce vomiting.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P337+P313 If eye irritation persists: Get medical advice/ attention.
 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**

MARJORAM OIL

**Terpinene-1-ol-4****20-26%**

CAS number: 562-74-3

EC number: 209-235-5

Classification

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

p-mentha-1,4-diene**11-16%**

CAS number: 99-85-4

EC number: 202-794-6

Classification

Flam. Liq. 3 - H226

Asp. Tox. 1 - H304

Alpha Terpinene**6-10%**

CAS number: 99-86-5

EC number: 202-795-1

Classification

Flam. Liq. 3 - H226

Acute Tox. 4 - H302

Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

Sabinene**6-10%**

CAS number: 3387-41-5

EC number: 222-212-4

M factor (Acute) = 1

Classification

Flam. Liq. 3 - H226

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1 - H317

STOT SE 3 - H335

Aquatic Acute 1 - H400

Alpha Terpineol**2-4%**

CAS number: 10482-56-1

EC number: 233-986-8

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

MARJORAM OIL**a terpinolene****2-4%**

CAS number: 586-62-9

EC number: 209-578-0

M factor (Acute) = 1

M factor (Chronic) = 1

Classification

Skin Sens. 1 - H317

Asp. Tox. 1 - H304

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

7-methyl-3-methylenoocta-1,6-diene**2-5%**

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

Beta Caryophyllene**1-3%**

CAS number: 87-44-5

EC number: 201-746-1

Classification

Skin Sens. 1B - H317

Asp. Tox. 1 - H304

(R)-p-mentha-1,8-diene**1-3%**

CAS number: 5989-27-5

EC number: 227-813-5

M factor (Acute) = 1

M factor (Chronic) = 1

Classification

Flam. Liq. 3 - H226

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

Linalool**1-5%**

CAS number: 78-70-6

EC number: 201-134-4

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1 - H317

MARJORAM OIL**p-Cymene****0-3%**

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

Alpha Pinene**0-2%**

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

1, 8 cineole**0-2%**

CAS number: 470-82-6

EC number: 207-431-5

Classification

Flam. Liq. 3 - H226

Skin Sens. 1B - H317

Beta Phellandrene**0-2%**

CAS number: 555-10-2

EC number: 209-081-9

Classification

Flam. Liq. 3 - H226

Asp. Tox. 1 - H304

Linalyl Acetate**0-2%**

CAS number: 115-95-7

EC number: 204-116-4

REACH registration number: 01-
2119454789-19-0000**Classification**

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

MARJORAM OIL**Beta Pinene****0-1%**

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

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****General information**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

Inhalation

Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes and get medical attention.

Eye contact

Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed**4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Use carbon dioxide or dry powder to extinguish.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture**Hazardous combustion products**Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO₂). Carbon monoxide (CO).**5.3. Advice for firefighters****Protective actions during firefighting**

Avoid breathing fire gases or vapours.

Special protective equipment for firefighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Avoid inhalation of vapours and contact with skin and eyes.

MARJORAM OIL**6.2. Environmental precautions**

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Usage precautions Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. No smoking, sparks, flames or other sources of ignition near spillage.

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. Keep away from food, drink and animal feeding stuffs. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)**SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****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

a terpinolene (CAS: 586-62-9)

DNEL Workers - Inhalation; Long term systemic effects: 3.6 mg/m³
 Workers - Dermal; Long term systemic effects: 0.52 bw/day, mg/kg
 General population - Inhalation; Long term systemic effects: 0.9 mg/m³
 General population - Dermal; Long term systemic effects: 0.26 bw/day, mg/kg
 General population - Oral; Long term systemic effects: 0.26 bw/day, mg/kg

PNEC - Fresh water; Short term 0.634 mg/l
 - Intermittent release, Fresh water; Short term 0.634 mg/l
 - Marine water; Short term 0.063 mg/l
 - STP; Short term 0.2 mg/l
 - Sediment (Freshwater); Short term 14.7 mg/kg
 - Sediment (Marinewater); Short term 14.7 mg/kg
 - Soil; Short term 29.1 mg/kg

MARJORAM OIL**(R)-p-mentha-1,8-diene (CAS: 5989-27-5)**

DNEL Workers - Inhalation; Long term systemic effects: 33.3 mg/m³
General population - Oral; Long term systemic effects: 4.76 mg/kg

PNEC

- STP; 1.8 mg/l
- Soil; 0.262 mg/kg
- Fresh water; 0.0054 mg/l
- Marine water; 0.00054 mg/l
- Sediment (Freshwater); 1.32 mg/kg
- Sediment (Marinewater); 0.13 mg/kg

Linalool (CAS: 78-70-6)

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

1, 8 cineole (CAS: 470-82-6)

DNEL Workers - Inhalation; Long term systemic effects: 7.05 mg/m³
Workers - Dermal; Long term systemic effects: 2 mg/kg, bw/day
General population - Inhalation; Long term systemic effects: 1.74 mg/m³
General population - Dermal; Long term systemic effects: 1 bw/day, mg/kg
General population - Oral; Long term systemic effects: 600 bw/day, mg/kg

PNEC

- Fresh water; Short term 5.7 mg/l
- Intermittent release, Fresh water; 0.57 mg/l
- Marine water; Short term 5.7 mg/l
- STP; Short term 10 mg/l
- Sediment (Freshwater); Short term 1.425 mg/kg
- Sediment (Marinewater); Short term 0.142 mg/kg
- Soil; Short term 0.25 mg/kg

Alpha Pinene (CAS: 80-56-8)

MARJORAM OIL

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

Linalyl Acetate (CAS: 115-95-7)

DNEL

Workers - Inhalation; Long term systemic effects: 2.75 mg/m³
 Workers - Dermal; Long term systemic effects: 2.5 mg/kg, bw/day
 General population - Inhalation; Long term systemic effects: 0.68 mg/m³
 General population - Dermal; Long term systemic effects: 1.25 mg/kg, bw/day
 General population - Oral; Long term systemic effects: 0.2 bw/day, mg/kg

PNEC

- Fresh water; Short term 0.011 mg/l
- Intermittent release, Fresh water; 0.11 mg/l
- Marine water; Short term 0.001 mg/l
- STP; Short term 10 mg/l
- Sediment (Freshwater); Short term 0.609 mg/kg
- Sediment (Marinewater); Short term 0.061 mg/kg
- Soil; Short term 0.115 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 mg/kg, bw/day
 General population - Inhalation; Long term systemic effects: 1 mg/m³
 General population - Dermal; Long term systemic effects: 0.3 bw/day, mg/kg
 General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day

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

8.2. Exposure controls**Protective equipment****Eye/face protection**

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

Chemical resistant gloves (PVC)

MARJORAM OIL

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	Light (or pale). Yellow.
Odour	Characteristic.
Initial boiling point and range	186.1°C @ 101 325 Pa
Flash point	57.5°C / 135.5°F Method: CC (Closed cup).
Relative density	0.8900 - 0.920 @ 20°C
Viscosity	<7 m ² /s @ 40°C

9.2. Other information

Refractive index	1.46 - 1.48 @ 20°C
Hydrocarbon Content	

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity	No data available.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No data available.
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10.4. Conditions to avoid

Conditions to avoid	Keep away from heat, sparks and open flame. accumulation of electrostatic charges
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10.5. Incompatible materials

Materials to avoid	No data available.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Carbon dioxide (CO ₂). Carbon monoxide (CO).
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SECTION 11: Toxicological information**11.1. Information on toxicological effects****Skin sensitisation**

Skin sensitisation	May cause an allergic skin reaction.
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MARJORAM OIL**Carcinogenicity**

Carcinogenicity Carcinogenicity in humans is not expected.

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways. Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

SECTION 12: Ecological Information**12.1. Toxicity**

Toxicity Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability**12.3. Bioaccumulative potential****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.

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 (ADR/RID) EXTRACTS, AROMATIC, LIQUID

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

MARJORAM OIL**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

**14.6. Special precautions for user**

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	3Y
Hazard Identification Number (ADR/RID)	30
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 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). Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.
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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date	04/06/2018
Revision	2
Supersedes date	14/05/2018
SDS number	5166

MARJORAM OIL



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.
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	MARJORAM OIL SWEET	
Product Code	OEMARJSWEE	
Tariff Number	33012941	
Country of Origin	EGYPT	
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 conforms with EU Regulations and can be used in food.	
Kosher Certified	Yes	
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	Please request Flowchart.	
Identification	CAS No: 84082-58-6	EINECS No: 282-004-4
	Alternative CAS: 8015-01-8	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Liquid	
Colour	Pale Yellow	
Odour	Spicy, Aromatic	
Relative Density @ 20°C	0.890 - 0.920	
Refractive Index @ 20°C	1.460 - 1.480	
Flash Point °C	57.5	
Viscosity @ 40°C	<7 m ² /s	
FRAGRANCE ALLERGENS		
Limonene (5989-27-5) 1-3%	Linalool (78-70-6) 1-5%	
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
We hereby declare, from information received from our supplier, that this product does not contain any ingredients banned by the International Fragrance Association (IFRA) code of practise and standards through the 48th amendment.		
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	3 years 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 we 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 and Vegetarian Statement

IDENTIFICATION

Product:	Marjoram Sweet
Cas No:	84082-58-6
EINECS No:	282-004-4

STATEMENT

We, MADAR Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan or vegetarian diet.

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.