MYSTIC M©MENTS CERTIFICATE OF ANALYSIS

Product: Chamomile Roman Essential OilBatch Number: 4510406Expiry Date: June 2026

TEST PARAMETERS	SPECIFICATION	
Colour:-	Clear Blue	Conforms
Odour:-	Fresh/Fruity Herbaceous	Conforms
Appearance:-	Mobile Liquid	Conforms
Refractive Index @ 200 C	1.390 - 1.550	1.4410
Specific Gravity @ 200 C	0.880 - 0.920	0.8984
Optical Rotation @ 200 C	-50 - +50	2.40
Flashpoint (CC Method)	55oC	Conforms

COMMENTS.

The following allergens are present Limonene 0.491%, Linalol 0.223%, Citronellol 0.013% Geraniol 0.390%

ALLERGEN POLICY

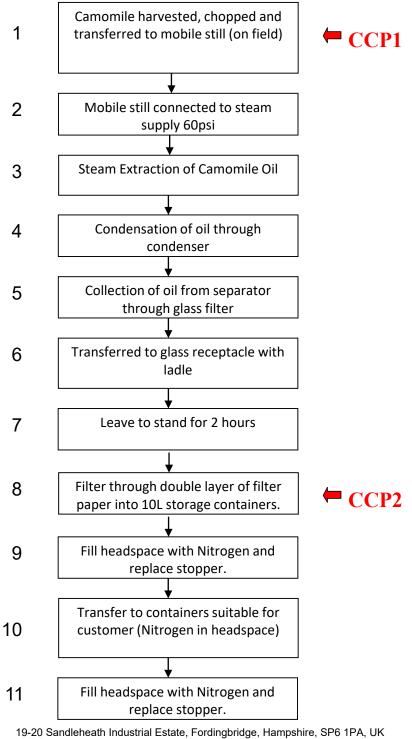
In meeting the requirements of Directive 2003/89/EC (SI 2004 No2824) the following allergens have been risk assessed:

Peanuts and products thereof Tree nuts and products thereof Milk and dairy products (including lactose) Egg and products thereof Fish and products thereof Soya and soya derivatives Sesame seed and products thereof Celery and products thereof Mustard and products thereof Sulphur dioxide and sulphites at concentrations of >10mg/kg or 10mg/l expressed as SO₂ Cereals containing gluten (wheat, rye, barley, oats, spelt, kamut) Shellfish and products thereof Lupin and products thereof Mollusc and products thereof

Mustard and celery are the only allergens on that list handled at the production site. These are traded products which are delivered packed. The products are stored in the isolated allergen area in the warehouse. There is no processing or blending of these products so no cross contamination risk exists. Any sampling of the products is carried out in the allergen area, with the designated allergen scoop. Sampled bags are resealed or discarded. Essential oil products are not stored in the same warehouse.

PROCESS FLOW DIAGRAM

CHAMOMILE ROMAN ESSENTIAL OIL



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

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GMO Statement

PRODUCT NAME: Chamomile Roman

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

06/03/2019

IFRA CERTIFICATE

Product Name: Camomile Roman Essential Oil

To Whom It May Concern:

We certify that the product listed above is in Compliance with the standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA-49th Amendment published January 2020).

We hereby confirm that the above product and all its ingredients are in accordance with the last amendment of the IFRA Code of Practice. It does not contain any material either prohibited or "not recommended for use" (Substances mentioned under the chapter "Substance Restricted by IFRA").

All ingredients comply with the standards of purity laid down by IFRA Guidelines and also free from any substances which are restricted by major consumer product manufacturers.

25/03/2021

SAFETY DATA SHEET

Chamomile Essential Oil (Roman)

SDS revision No. :- 1

1. IDENTIFICATION

1.1	Product Identifier :- Chamomile Essential Oil (Roman)
1.1.1	Substance Name: Chamomile Essential Oil
1.1.2	EC No. : 283-467-5
1.1.3	REACH Registration No. : TBC
1.1.4	CAS No. : 84649-86-5 / 8015-92-7
1.2	Classification :- Essential Oil
1.2.1	Relevant Identified Uses: Cosmetics/Fragrances/Toiletries/Aromatherapy
1.2.2	Uses Advised Against: Not to be consumed (can cause acute toxicity)
1.3	Supplier Name :- Madar Corporation Ltd
	19 - 20 Sandleheath Industrial Estate Telephone - +44 (0)1425 655555
	Fordingbridge
	Hamspshire
	SP6 1PA Email :- technical@madarcorporation.co.uk
	UNITED KINGDOM
1.4	Emergency Contact :- Telephone :- +44 (0)1425 655555
	(only available during office hours 09:00 - 17:0
	2 HAZARD IDENTIFICATION
2.1.1	GHS Classification :-
	FL3 Flammable Liquids, Category 3 H226
	EH A2 Acute environmental hazard, Category 2 H401
	EH C2 Chronic environmental hazard, Category 2 H411

2.1.2	Class	sification according to Regulation (EC) No 1272/2008	(CLP)
	CLP Classifica	tion :-	
	FL3	Flammable Liquids, Category 3	H226
	EH A2	Acute environmental hazard, Category 2	H401
	EH C2	Chronic environmental hazard, Category 2	H411

2.2	GHS Labelling :-		
2.2.1	Symbol(s) :-	¥2	

2.2.2	Signal word :-	· Warning		
2.2.3	Hazard State	ments :-		
	0	GHS Hazard Statements	CLI	P Hazard Statements
	H226	Flammable Liquid and Vapour	H226	Flammable Liquid and Vapour
	H401	Toxic to aquatic life	H401	Toxic to aquatic life
	H411	Toxic to aquatic life with long lasting effects	H411	Toxic to aquatic life with long lasting effects

THIS INFORMATION IS CORRECT AT THE TIME OF PREPARATION

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Chamomile Essential Oil (Roman)

SDS revision No. :- 1

2.2.4	Precautionary	P210	Keep away from open flames and hot surfaces - No Smoking
2.2.4	Statements :-	P273	Avoid release to the environment
		P280	Wear protective gloves, eye/face protection.
		P370+P378	In case of fire: Use Foam, CO2 or Dry Powder for extinction
		P391	Collect spillage
		P501	Dispose of contents/container to an approved waste disposal plant

2.2.5	Supplemental Hazard information (EU) :- n/a
2.3	Other Hazards :-
2.3.1	Physical :- Flammable Liquid
2.3.2	Health :- _{n/a}
2.3.3	Environmental :- Toxic to aquatic organisms, toxic long-term adverse effects in the aquatic environment
2.3.4	Hydrocarbon Content :- 8%

3 COMPOSITION/INFORMATION

3.1 Hazardous Components :-

Material	Source	CAS No.	UN GHS Classification	CLP Classification	Hazards	Max Quantity %
Camphene	From natural complex substances	79-92-5	EDI 2B, EH A1, EH C1	EDI 2, EH A1, EH C1, FS 2	228, 319, 400, 410	<0.8
alpha Pinene	From natural complex substances	80-56-8	ATO 4(ATE 500),EH A1,EH C1,SCI 2,SS 1B	AH 1,ATO 4(ATE 500),EH A1,EH C1,FL 3,SCI 2,SS 1B	226,302,304,315, 317,400,410	<5
beta Pinene	From natural complex substances	127-91-3	EH A1,EH C1,SCI 2,SS 1B	AH 1,EH A1,EH C1,FL 3,SCI 2,SS 1B	226,304,315,317,40 0,410	<0.8
Limonene	From natural complex substances	5989-54-8	EH A1,EH C1,SCI 2,SS 1B	AH 1,EH A1,EH C1,FL 3,SCI 2,SS 1B	226,304,315,317, 400,410	<0.3
beta Caryphyllene	From natural complex substances	87-44-5	AH 1, EH C4, SS 1B	AH 1, SS 1B	304,317	<0.19
Linalol	From natural complex substances	78-70-6	ATO 5(2790), EDI 2A, EH A3, FL 4,SCI 2 SS 1B	EDI 2, SCI 2, SS 1B	315, 317, 319	<0.3
Geraniol	From natural complex substances	106-24-1	ATO 5(3600), EDI 1, EH A3, SCI 2, SS 1	EDI 1, SCI 2, SS 1	315, 317, 318	<0.5
Citronellol	From natural complex substances	141-25-3	ATD 5(2650), ATO 5(3450), EDI 2A, EH A2, SCI 2, SS 1B	EDI 2, SCI 2, SS 1,B	315, 317, 319	<0.11
Myrcene	From natural complex substances	123-35-3	AH 1 EDI 2A EH A1, EH C2, FL 3, SCI 2	AH 1, EDI 2, AH A1, EH C2, FL 3, SCI 2	226, 304, 315, 319, 400, 411	<0.05

THIS INFORMATION IS CORRECT AT THE TIME OF PREPARATION	Page 2 of 7

Chamomile Essential Oil (Roman)

SDS revision No. :- 1

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3.2	Product Data :-
3.2.1	CAS Number (US) :- 8015-92-7
3.2.2	EINECS :- 84649-86-5
3.2.3	CAS Number (EC) :- 283-467-5
3.2.4	INCI Name :- Anthemis nobilis flower oil
3.2.5 3.2.6	Part Of Plant :- Flower
3.2.7	Method Of Extraction :- Steam distilled
3.2.8	Country Of Origin :- UK

4 FIRST AID MEASURES

4.1	Skin Contact :-	Wash off affected area with soap and running water, if irritation persists seek medical advice.
4.2	Eye Contact :-	Irrigate eye with plenty of water for 15 minutes with lids held open. Seek medical advice if irritation persists.
4.3	Ingestion :-	Rinse mouth with water and give up to 0.2 litres of water to drink. Do NOT induce vomiting. Seek medical advice immediately.
4.4	Inhalation :-	Remove casualty to fresh air, remove any contaminated clothing. Seek medical advice for any breathing difficulty.

5 FIRE FIGHTING MEASURES

5.1.a	Suitable extinguishing media :-
	Foam, CO2, Dry Powder
5.1.b	Unsuitable media :-
	Water
5.2	Hazardous Combustion products :-
	Smoke, Carbon Dioxide, Carbon Monoxide
5.3	Special equipment required :-
	Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

THIS INFORMATION IS CORRECT AT THE TIME OF PREPARATION

Chamomile Essential Oil (Roman)

SDS revision No. :- 1

6 ACCIDENTAL RELEASE MEASURES

6.1

In case of spillage or leak remove all ignition sources, use respirators if necessary and suitable protective clothing including goggles and gloves. Gather spill in inert material, sand or earth and avoid contamination of drains. Dispose of in accordance with local regulations. In the event of any discharge into drains notify the relevant authorities.

7 HANDLING AND STORAGE

7.1	Handling :-	Use in a well ventilated area away from sources of ignition in accordance with good occupational hygiene and safety practices. NO SMOKING.
7.2	Storage :-	Store indoors in well filled tightly stoppered containers in dry well ventilated conditions. Keep away from direct sunlight and store between 10° C - 20° C.
7.3	Shelf life :-	24 months (If stored in correct conditions)
		8 EXPOSURE/PERSONAL PRECAUTIONS
	Han da	Defete alexan
8.1	Hands :-	Safety gloves
8.2	Eyes :-	Safety goggles or glasses
8.3	Skin :-	Light protective clothing
8.4	Respiratory :-	Do not inhale vapour
8.5	General :-	Good housekeeping and work hygiene principles should be

9 PHYSICAL AND CHEMICAL PROPERTIES

used when handling this material.

9.1	Product appearance :-	Blue Mobile Liquid
9.2	Product odour :-	Fresh/Fruity Herbaceous
9.3	рН @ 20°С :-	-
9.4	Melting point °C :-	-
9.5	Boiling point °C :-	-
9.6	Flash Point °C (CC) :-	55°C
9.7	Evaporation rate :-	-
9.8	Flammability :-	Flammable Liquid
9.9	Explosive limits :-	-
9.10	Vapour pressure :-	-
9.11	Specific Gravity @ 20°C :-	0.880 - 0.920
9.12	Refractive Index @ 20°C :-	1.390 - 1.550
9.13	Optical Rotation @ 20°C :-	-5° - +5°
9.14	Solubility in Water :-	Insoluble
9.15	Solubility in Oil :-	Soluble
9.16	Auto-ignition temperature :-	-
9.17	Decomposition temperature :-	-
9.18	Viscosity	-
9.19	Exposure Limits :-	-
	•	

THIS INFORMATION IS CORRECT AT THE TIME OF PREPARATION

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Chamomile Essential Oil (Roman)

SDS revision No. :- 1

10 STABILITY AND REACTIVE DATA :-

10.1 Stable under normal conditions. Avoid contact with strong oxidising materials.

11 TOXICOLOGICAL INFORMATION

11.1	Acute toxicity :-	LD50 - Oral 5g/kg / Dermal 5.0g/kg
11.2	Skin corrosion/irritation :-	Data is not available
11.3	Serious eye damage/irritation :-	Data is not available
11.4	Respiratory/Skin sensitization :-	Data is not available
11.5	Germ cell mutagenicity :-	Data is not available
11.6	Carcinogenicity :-	Data is not available
11.7	Reproductive toxicity :-	Data is not available
11.8	STOT - single exposure :-	Data is not available
11.9	STOT - repeated exposure :-	Data is not available
11.10	aspiration hazard :-	Data is not available
11.11	Allergens present :-	Limonene - <0.3 IFRA Standard
		Geraniol - <0.5 IFRA Standard
		Citronellol - <0.11 IFRA Standard
		Linalol - <0.3 IFRA Standard

12 ECOLOGICAL INFORMATION

12.1	Toxicity :-	Toxic to aquatic life with long lasting effects.
12.2	Persistence and degradability :-	Generally biodegradable.
12.3	Bio accumulative potential :-	Unlikely to bioaccumulate. Contaminated water must be cleared before entering sewerage.
12.4	Mobility :-	Very low water solubility and will form a surface film. When spilled can contaminate soil.

THIS INFORMATION IS CORRECT AT THE TIME OF PREPARATION

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Chamomile Essential Oil (Roman)

SDS revision No. :- 1

13 WASTE DISPOSAL

13.1

Absorbent material used to soak up bulk spills and waste product should be place in secure containers and labelled clearly. Local regulatory authorities should be consulted about the appropriate form of waste disposal. The manufacturing company must receive documentation to confirm the final site and method of disposal in accordance with local and UK law. Rinsing arising from containers may be disposed to drains served by a sanitary sewer providing this is permitted by local regulatory authorities. Landfill away from water courses or incinerate via licensed contractors.

14 TRANSPORT INFORMATION

14.1	UN Number :-	UN 1169
14.2	UN Proper Shipping Name :-	Extracts, Aromatic, Liquid n.o.s.
14.3	Transport hazard Class(es)	
14.3.a	Road - ADR/RID :-	Class 3
14.3.b	Sea - IMDG/IMO :-	Class 3
14.3.c	Air - IATA/ICAO :-	Class 3
14.4	UN Packaging Group :-	III
14.5	Harmonized Tariff Code :-	3301.29.5150

15 REGULATORY INFORMATION

Classification under EU Regulation No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures

15.1	Signal Word :-	Warning	
15.1.a	Hazard Statements :-	H226	Flammable Liquid and Vapour
		H401	Toxic to aquatic life
		H411	Toxic to aquatic life with long lasting effects
15.1.b	Precautionary Statements	P210	Keep away from open flames and hot surfaces - No Smoking
	:-	P273	Avoid release to the environment
		P280	Wear protective gloves, eye/face protection.
		P370+P378	In case of fire: Use Foam, CO2 or Dry Powder for extinction
		P391	Collect spillage
		P501	Dispose of contents/container to an approved waste disposal plant

THIS INFORMATION IS CORRECT AT THE TIME OF PREPARATION

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Chamomile Essential Oil (Roman)

SDS revision No. :- 1

16 OTHER INFORMATION

IFRA Classification: Restricted (Due to restricted chemicals present) Please refer to <u>http://www.ifraorg.org/</u> for further information.

With reference to any materials supplied, we claim no advantageous, therapeutic or other medicinal qualities for these materials, and believe that, in general, Essential Oils, Herbal Extracts and cosmetic ingredients in concentrated form should not be applied directly on to the skin or ingested except under medical supervision. All materials conform to previous samples supplied, and in the case of Essential Oils the purity and identification allowing for natural variation is guaranteed, unless labelled accordingly. This Information sheet is solely of the purpose of the Health and Safety at work act 1974. It does not constitute any warranty or guarantee as to the quality, properties or condition of this product. It has been prepared with the best available knowledge and we shall not be liable for any insufficiency or inaccuracy in such information in any case whatsoever.

This material should be handled by trained and experienced personnel only.

The material referred to in this Safety Data Sheet is for industrial/manufacturing use only. It is not intended for use by the general public.

THIS INFORMATION IS CORRECT AT THE TIME OF PREPARATION

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FINAL PRODUCT SPECIFICATION

Product Name: Camomile Oil English	
Version No:	06

General Information

Product Description:	Pure and genuine English Camomile Oil	
Latin Name:	Anthemis Nobilis	
Country of Origin:	UK	
Country of Manufacture:	UK	
Flavour/Odour:	Fruity, Herbaceous, Characteristic	
Preparation Method:	Steam Distillation	
Chemical Composition:	100% Pure Essential Oil	

Chemical Standards

Test	Specification
Specific Gravity	0.857 – 0.960
Optical Rotation	-5 +11°
Refractive Index @ 20°C	1.390 – 1.550
Flashpoint	>62°C (closed cup method)

Packaging Information

Item	Material/Description
Tertiary Packaging	4-way entry pallet, 1200mm x 1000mm
Food Contact Packaging	Aluminium Bottle with tamper evident cap
Label Information	Product Name, Batch Number, Hazard Details

Suitability Information

	Suitable (Y/N):	Certified (Y/N):
Vegetarians	Yes	N/A
Ovo-Lacto Vegetarians	Yes	N/A
Vegans	Yes	N/A
Halal	Yes	Yes
Kosher	Yes	Yes

CH/S/QR075 issue 004 issue date: 30.01.2020

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 13 of 15

Warranty

This specification has correct and accurate to the best of our knowledge at the time of completion.

We warrant that we will take all reasonable precautions to ensure that all foods, food products or packaging materials intended for food use meet the requirements of Acts, Regulations and Orders

applicable in the EU/UK.

This is including but not limited to the following:

The Food Safety Act 1990' and all relevant amendments and regulations.

The Food & Environment Protection Act 1985' and all relevant amendments and regulations.

The Plastic Materials & Articles in Contact with Food Regulations 1992' and all relevant amendments and regulations.

We do not knowingly supply, use or handle any genetically modified ingredients or derivatives. Most of the products we handle are not implicated with regard to GMOs, and we take great care in sourcing ingredients to ensure that we maintain our GM free status.

Camstar Herbs Ltd does not knowingly supply, use or handle any irradiated materials.

Specification Agreement

Date: 17/11/2021

CH/S/QR075 issue 004 issue date: 30.01.2020

Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Chamomile Roman

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

28/06/19