

CERTIFICATE OF ANALYSIS

1. PRODUCT IDENTIFICATION		
1.1	Product Name	Chamomile German Blue Organic
1.2	Botanical Name	<i>Matricaria chamomilla L.</i>
1.3	Product Code	OECHAMGERM
1.4	Batch Number	4470510
1.5	Best Before End	May 2025
2. PHYSICAL AND CHEMICAL PROPERTIES		
2.1	Appearance	Thick viscous fluid
2.2	Colour	Dark Blue - Green Liquid
2.3	Aroma	Intensely sweet, herbaceous with fruit undertone
2.4	Specific gravity	0.880 to 0.930 at 25°C
2.5	Refractive index	1.470 to 1.510 at 25°C
2.6	Flash point	80°F
2.7	Boiling point	116°C
2.8	Active Constituents (in percentage)	α -Bisabolol oxide A - 25.01, Bisabolol oxide B - 9.43, Spathulenol - 8.49, cis-en-yn-Dicycloether- 7.42, Bisabolene oxide A- 7.17, α-Bisabolol -6.01, Trans-β-farnesene - 4.68, Chamazulene 3.28, Eudesmol -1.98, Trans-en-yn-Dicycloether 1.82.
3. STORAGE		
Stored at the temperature < 30°C in closed containers and protected from direct sunlight.		
4. DISCLAIMER		
The information contained in this Certificate of Analysis is obtained from the current and reliable sources. The liability of MADAR Corporation Ltd. is limited to the value of the goods to our best and it shall not be responsible for any damages resulting from use of or reliance upon this information. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.		

MYSTIC MOMENTS

IFRA STATEMENT

Common Name : Chamomile, German
Country: Nepal
Latin Name : Matricaria chamomilla
Part extracted : Flower

We confirm that above essential oil's has not been restricted by IFRA, Regulations for use in cosmetic industry.

1 Identification

- **Product identifier**
- **Trade name:** CHAMOMILE GERMAN OIL
- **CAS Number:**
8002-66-2
- **Other means of identification:** Matricaria chamomilla in cultivated field
- **Recommended use and restriction on use**
- **Recommended use:** Essential oil
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
MADAR Corporation Limited, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA
- Email: technical@madarcorporation.co.uk
- Approved sellers: Cosmetic Butters, Mystic Moments, New Directions, World of Moulds
- **Emergency telephone number:** 01425 655555

2 Hazard(s) identification

- **Classification of the substance or mixture**
- Skin Irrit. 2 H315 Causes skin irritation.
- Eye Irrit. 2A H319 Causes serious eye irritation.
- Skin Sens. 1B H317 May cause an allergic skin reaction.
- Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

· **Label elements**

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



GHS07 GHS08

· **Signal word:** Danger

· **Hazard statements:**

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H304 May be fatal if swallowed and enters airways.

· **Precautionary statements:**

P261 Avoid breathing mist, vapors, or spray.
P264 Wash thoroughly after handling.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection.
P301+P310 If swallowed: Immediately call a poison center/doctor.
P331 Do NOT induce vomiting.
P302+P352 If on skin: Wash with plenty of soap and water.

MYSTIC MOMENTS

Safety Data Sheet

Printing date: August 23, 2018

Revision: August 23, 2018

Trade name: CHAMOMILE GERMAN OIL

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

· **Chemical characterization: Substances**

· **CAS No. Description**

8002-66-2 Matricaria recutita, ext.

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:**

Wash with soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

· **After eye contact:**

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

A person vomiting while lying on their back should be turned onto their side.

· **Most important symptoms and effects, both acute and delayed:**

Irritant to skin and mucous membranes.

Causes eye irritation.

Allergic reactions

Gastric or intestinal disorders when ingested.

· **Danger:**

May be fatal if swallowed and enters airways.

Danger of impaired breathing.

· **Indication of any immediate medical attention and special treatment needed:**

If medical advice is needed, have product container or label at hand.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Carbon dioxide

Safety Data Sheet

Printing date: August 23, 2018

Revision: August 23, 2018

Trade name: CHAMOMILE GERMAN OIL

Fire-extinguishing powder

Foam

Water fog / haze

· **For safety reasons unsuitable extinguishing agents:** Water stream.

· **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

· **Advice for firefighters**

· **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Keep away from ignition sources.

· **Environmental precautions**

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

· **Methods and material for containment and cleaning up**

Towel or mop up material and collect in a suitable container.

For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard.

Send for recovery or disposal in suitable receptacles.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· **Handling**

· **Precautions for safe handling:**

Use only in well ventilated areas.

Avoid splashes or spray in enclosed areas.

Keep out of reach of children.

Avoid contact with the eyes and skin.

· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:**

Store in cool, dry conditions in well sealed receptacles.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

· **Specific end use(s)** No relevant information available.

8 Exposure controls/personal protection

· **Control parameters**

Safety Data Sheet

Printing date: August 23, 2018

Revision: August 23, 2018

Trade name: CHAMOMILE GERMAN OIL

· **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Exposure controls**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid close or long term contact with the skin.

· **Engineering controls:** Provide adequate ventilation.

· **Breathing equipment:**

Not required under normal conditions of use.

Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:**



Protective gloves

· **Eye protection:**



Safety glasses

· **Body protection:** Protective work clothing

· **Limitation and supervision of exposure into the environment**

No relevant information available.

· **Risk management measures** No relevant information available.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **Appearance:**

Form: Viscous liquid.

Color: Greenish blue

· **Odor:** Pleasant

· **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** Not determined.

· **Flash point:** >93 °C (>199.4 °F)
The product is not flammable.

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

MYSTIC MOMENTS

Safety Data Sheet

Printing date: August 23, 2018

Revision: August 23, 2018

Trade name: CHAMOMILE GERMAN OIL

· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits	
Lower:	Not determined.
Upper:	Not determined.
· Oxidizing properties:	Not determined.
· Vapor pressure:	Not determined.
· Density:	
Relative density at 25 °C (77 °F):	0.88-0.93
Vapor density:	Not determined.
Evaporation rate:	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Alcohols:	Partly soluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Other information	No relevant information available.

10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** Reacts with strong oxidizing agents.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidizing agents
- **Hazardous decomposition products**
Under fire conditions only:
Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Irritating effect.
- **Sensitization:** Contains Matricaria recutita, ext.. May produce an allergic reaction.

· **IARC (International Agency for Research on Cancer):**

MYSTIC MOMENTS

Safety Data Sheet

Printing date: August 23, 2018

Revision: August 23, 2018

Trade name: CHAMOMILE GERMAN OIL

Substance is not listed.

· **NTP (National Toxicology Program):**

Substance is not listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

Substance is not listed.

· **Probable route(s) of exposure:**

Ingestion.

Inhalation.

Eye contact.

Skin contact.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

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

12 Ecological information

· **Toxicity**

· **Aquatic toxicity** Toxic to aquatic life with long lasting effects.

· **Persistence and degradability** No relevant information available.

· **Bioaccumulative potential:** No relevant information available.

· **Mobility in soil:** No relevant information available.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packagings**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**

· **DOT, ADR, IMDG, IATA**

UN3082





MYSTIC MOMENTS

Safety Data Sheet

Printing date: August 23, 2018

Revision: August 23, 2018

Trade name: CHAMOMILE GERMAN OIL

<ul style="list-style-type: none"> · UN proper shipping name · DOT · ADR, IMDG · IATA 	<p>Environmentally hazardous substances, liquid, n.o.s. (Matricaria recutita, ext.)</p> <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Matricaria recutita, ext.)</p> <p>Environmentally hazardous substance, liquid, n.o.s. (Matricaria recutita, ext.)</p>
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT, IMDG, IATA   <ul style="list-style-type: none"> · Class · Label 	<p>9</p> <p>9</p>
<ul style="list-style-type: none"> · ADR   <ul style="list-style-type: none"> · Class · Label 	<p>9 (M6)</p> <p>9</p>
<ul style="list-style-type: none"> · Packing group · DOT, ADR, IMDG, IATA 	<p>III</p>
<ul style="list-style-type: none"> · Environmental hazards · Marine pollutant: 	<p>Yes (DOT)</p> <p>Symbol (fish and tree)</p>
<ul style="list-style-type: none"> · Special precautions for user · Danger code (Kemler): · EMS Number: 	<p>Warning: Miscellaneous dangerous substances and articles</p> <p>90</p> <p>F-A,S-F</p>
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	<p>Not applicable.</p>
<ul style="list-style-type: none"> · Transport/Additional information: · DOT · Remarks: 	<p>Not regulated when carried in single or combination packaging containing a net quantity of 5 L or less for liquids or 5 kg or less for solids per the following:</p> <p>DOT: 171.4(c)(2)</p> <p>ADR: SP 375</p> <p>IMDG: 2.10.2.7</p> <p>IATA: special provision A197</p> <p>Transport labeling is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. Bulk packaging consists of a maximum</p>

Safety Data Sheet

Printing date: August 23, 2018

Revision: August 23, 2018

Trade name: CHAMOMILE GERMAN OIL

capacity of greater than 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· **Section 302 (extremely hazardous substances):**

Substance is not listed.

· **Section 355 (extremely hazardous substances):**

Substance is not listed.

· **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

· **TSCA (Toxic Substances Control Act)**

Substance is listed.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

Substance is not listed.

· **Chemicals known to cause developmental toxicity for females:**

Substance is not listed.

· **Chemicals known to cause developmental toxicity for males:**

Substance is not listed.

· **Chemicals known to cause developmental toxicity:**

Substance is not listed.

· **EPA (Environmental Protection Agency):**

Substance is not listed.

· **IARC (International Agency for Research on Cancer):**

Substance is not listed.

· **Canadian Domestic Substances List (DSL) (Substances not listed.):**

Substance is listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

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

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

Page 10 of 14

MYSTIC MOMENTS

Safety Data Sheet

Printing date: August 23, 2018

Revision: August 23, 2018

Trade name: CHAMOMILE GERMAN OIL

DOT: US Department of Transportation
IATA: International Air Transport Association
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bio-accumulable, Toxic
vPvB: very Persistent and very Bioaccumulative
OSHA: Occupational Safety & Health Administration
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
Skin Sens. 1B: Skin sensitisation – Category 1B
Asp. Tox. 1: Aspiration hazard – Category 1

Sources

Website, European Chemicals Agency (echa.europa.eu)
Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor-internet/registry/substreg/home/overview/home.do)
Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.
Safety Data Sheets, Individual Manufacturers

MYSTIC MOMENTS

Specification

Common Name:	Chamomile Oil
Botanical Name:	Matricaria chamomilla L.

Geographic origin of the plant:	Central Nepal
Method of growing:	Cultivated

Introduction Method of extraction / Distilled organ:	Obtained from the flowers with stalks of Matricaria chamomilla through steam distillation
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1. Organoleptic Properties	
Appearance	Viscous liquid
Color	Dark bluish
Aroma	Intensely sweet, herbaceous-coumarin-like with a fresh-fruity undertone

2. Physico-chemical Properties	
Specific gravity	0.8999 at 25° C
Refractive index	1.493 at 25° C
Acid number	9.7
Ester number	8.57
Ester number after acetylation	85
Solubility	Soluble in 90% alcohol with separation of paraffins

MYSTIC MOMENTS

Chamomile German Blue Including Organic

Non Animal Tested Declaration

This is to confirm that the entire product's manufactured and sold by us are 100% Natural, and we have not conducted any kind of tests on animals.

GMO Free Declaration:

This is to confirm that all the product's manufactured and sold by us are 100% Natural, and free from GMO Seeds.

Non Radiated declaration:

This is to confirm that all the product's manufactured and sold by us are 100% Natural, and we have not conducted any kind of Radiation.

Natural/Synthetic Declaration:

This is to confirm that all the product's manufactured and sold by us are 100% Natural, and free from any kind of synthetic materials.

Petrochemical Free Declaration:

This is to confirm that all the product's manufactured and sold by us are 100% Natural, and free from any kind of Petrochemical additives.

Allergen List (cosmetic):

We would like to confirm that we have not conducted Allergen Tests on the essential oils manufactured by us.

As received from our supplier.

MYSTIC MOMENTS

Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Chamomile German Blue

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