



MATERIAL SAFETY DATA SHEET

According to EU Regulation 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING)

1.1 PRODUCT IDENTIFIER

Product Name	Chamomile Roman Essential Oil
Biological Definition	Anthemis Nobilis Flower Oil is the volatile oil distilled from the dried flower heads of the Roman Chamomile, Anthemis nobilis L., Asteraceae.
INCI Name	Anthemis Nobilis Flower Oil
Synonyms & Trade Names	-
Internal Product Code	TCDL-CESS-BOWL-NCRO
CAS Number	84649-86-5 / 8015-92-7
EC Number	283-467-5
EINECS Number	283-467-5
REACH Status	Exempt <1T PA

1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Company	Cosy Owl Volsom Ltd 20-28 Albert Road, Braintree, Essex, United Kingdom, CM7 3JQ
Emergency Telephone Number	01376 560 348



SECTION 2: HAZARD IDENTIFICATION


2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

The Full Text for all Hazard Statements are Displayed in Section 16.

Classification (EU 1272/2008)	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Skin Sensitivity (Cat. 1) – H317 Aquatic Chronic (Cat 1) – H411
--------------------------------------	---

2.2 LABEL ELEMENTS

Label in accordance with Regulation (EC) No 1272/2008

GHS Label:	 GHS02 GHS09 GHS07 GHS08
Signal word:	DANGER
Contains	This is a natural substance distilled from flowering tops of anthemis nobilis grown in an organic plantation. The substance has a natural variability.
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:	P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment. P273: Avoid release to the environment P280: Wear protective gloves/clothing/eye-protection/face protection P301 + P310: IF SWALLOWED: Immediately call a poison centre or doctor P331: Do NOT induce vomiting P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
Supplementary Precautionary Statements:	None
2.3 OTHER HAZARDS	
PBT or vPvB according to Annex XIII	No additional data available
Adverse physio-chemical properties	No additional data available
Adverse effects on human health	No additional data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE

30 to 45% isobutyl angelate: CAS 7779-81-9, EC 231-941-7: Flam. Liq. 3, H226

13 to 32% isoamyl angelate: CAS 10482-55-2, EC 233-985-2: Not classified

2 to 10% amyl angelate: CAS 7785-63-9, Not classified

1 to 5% alpha-Pinene: CAS 80-56-8, EC 201-291-9: Flam. Liq. 3, H226; Acute Tox 4, H302; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute, H400

1 to 5% para-cymene: CAS 99-87-6, EC 202-796-7; H226 Flam Liq. 3, H304 Asp Tox. 1, H315 Skin Irrit.2, H319 Eye Irrit. 2, STOT SE 3 H335 (Lung Oral)

0.5 to 5% methyl isobutyrate: CAS 547-63-7, EC 208-929-5: H225; Flam Liq. 2

SECTION 4: FIRST AID MEASURES



4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Remove to fresh air. In case of complaints seek medical attention.
Ingestion	If swallowed, do not induce vomiting: call for medical help immediately.
Skin Contact	In case of contact with skin wash immediately with soap and water.
Eye Contact	In case of contact with eyes rinse thoroughly with water.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

None observed

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

No specific first aid measures noted

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

CO₂, alcohol resistant foam

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

Carbon monoxide (CO) Carbon dioxide (CO₂) Smoke and soot. Vapours may form explosive mixture with air.

5.3 ADVICE FOR FIRE FIGHTERS

Wear self-contained breathing apparatus and protective suits.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Follow safety measures in chapter "Handling and Storage" and "Exposure controls/personal protection". Wear protective equipment. Keep unprotected persons away.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not allow to enter canalisation /waterways/ groundwater. Inform respective authorities in case of seepage into water course or sewage system.

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

Soak up with absorbent, inert material (sand, universal binders) and dispose contaminated material as waste according to section 13. Dispose of in accordance with federal, state and local environmental regulations.

6.4 REFERENCES 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

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING



Use only in well ventilated area. Avoid contact with skin, eyes and clothing Information on fire and explosion protection: Keep away from possible sources of ignition. No smoking.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in well filled tight suitable containers; drums should only be considered as a means of transportation. Do not store with flammable or explosive materials and strong oxidizing agents. Keep drums tightly closed. Store dark, dry and under cold temperatures. Protect against warming / overheating. Recommended storage temperature: 8°-12°C.

7.3 SPECIFIC END USE(S)


No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PERAMETERS

No additional data available.

8.2 EXPOSURE CONTROLS

Protective equipment	
Process Conditions	No additional data available.
Engineering Measures	Use only in well-ventilated area
Respiratory Equipment	Wear suitable respiratory equipment in case of insufficient ventilation.
Hand Protection	Use protective gloves. The material of the gloves has to be impermeable and resistant to the product/the substance/the preparation/the chemical mixture. However, due to the missing information available because no tests have been conducted, the choice of the material of the gloves should take into account the penetration time, rates of diffusion and the degradation. Breakthrough time of the glove material: The penetration time of the glove material must be set by the manufacturer of the protective gloves according to the substance/the preparation/the chemical mixture.
Eye Protection	Tightly sealed goggles
Other Protection	No eating, drinking and smoking during work. Avoid contact with the eyes and skin. Remove contaminated clothing. Wash hands thoroughly before breaks and at the end of the working day.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	No additional data available.
Skin Protection	Protective work clothing
Environmental Exposure Controls	No additional data available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Pale blue to green turning a yellow to dark yellowy-brown with increasing age
Odour	Characteristic
Relative Density / Specific Gravity @ 20°C	0.825 – 0.920
Refractive Index @ 20°C	1.438 – 1.475
Flash Point (°C)	30°C Pensky-Martens Closed Cup Method
Melting Point (°C)	No additional data available
Boiling Point (°C)	No additional data available
Vapour Pressure	No additional data available.
Solubility in Water @20°C	INSOLUBLE
Auto-ignition temperature (°C)	No additional data available.

9.2 OTHER INFORMATION

No additional data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No additional data available.

10.2 CHEMICAL STABILITY

Product is stable under recommended storage conditions.

10.3 POSSIBLE HAZARD REACTIONS

Formation of explosive gas mixture with air possible. In case of unpropitious storing conditions (air admission, heat accumulation) self ignition is possible for moistened solids (e.g. cloth, pulp, filter panel, binder).

10.4 CONDITIONS TO AVOID

Direct source of heat.

10.5 INCOMPATIBLE MATERIALS

Oxidising Agents, strong acids, strong alkalis

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

No dangerous decomposition known.



SECTION 11: TOXOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity	No additional data available.
Skin corrosion / irritation	No additional data available.
Serious eye damage/irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ cell mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other information:	No additional data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

No additional data available.

12.2 PERSISTENCE AND DEGRADABILITY

Regarded as a readily biodegradable

12.3 BIOACCUMULATION POTENTIAL

No additional data available.

12.4 MOBILITY IN SOIL

No additional data available.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

The substance is not PBT / vPvB

12.6 OTHER ADVERSE EFFECTS

No additional data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Dispose in accordance with the law and local regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system.



KERFOOT

Avril GROUP

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

UN No. Road	UN1169
UN No. Sea	UN1169
UN No. Air	UN1169

14.2 UN PROPER SHIPPING NAME

EXTRACTS, AROMATIC, LIQUID

14.3 TRANSPORT HAZARD CLASS(ES)

ADR/RID/ADN Class: 3
ADR/RID/ADN Class: 3
IMDG Class: 3
ICAO Class/Division: 3

Transport Labels



14.4 PACKAGING GROUP

ADR/RID/ADN Packing group: III
IMDG Packing group: III
ICAO Packing group: III

14.5 ENVIRONMENTAL HAZARDS

Marine Pollutant - contains environmentally hazardous substances



14.6 SPECIAL PRECAUTIONS FOR USER

No additional data available

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

No additional data available

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 CHEMICAL SAFETY ASSESSMENT



No additional information available.

SECTION 16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	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. P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment. P273: Avoid release to the environment P280: Wear protective gloves/clothing/eye-protection/face protection P301 + P310: IF SWALLOWED: Immediately call a poison centre or doctor P331: Do NOT induce vomiting P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
Other Information	None
Version	7
Revision Date	22 nd January 2020
Reason for Revision	Physical & Chemical Properties

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 themselves as to the suitability of such information for their own particular use.