


1. Identification of the substances / mixture and of the company/undertaking.			
1.1 Product identifier: Chamomile Oil German Blue			
Substance name: Matricaria Recutita Flower Oil			
EC NO:	282-006-5	CAS NO:	8022-66-2
		EINECS CAS Number: 84082-60-0	
Index No:	Reach Registration No:		
1.2 Relevant identified uses of the substance or mixture and uses advised against			
Identified uses: No information available			
Uses advised against:			
1.3 Details of the supplier of the safety data sheet			
Company	Penny Price Aromatherapy Ltd		
	Unit D3 Radius Court		
	Maple Drive		
	Hinckley		
	Leicestershire LE10 3BE		
Email	info@penny-price.com		
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. Or call NHS 111 or NHS 999		

2. Hazards Identification			
2.1 Classification of the substance or mixture			
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Physical and Chemical Hazards		
	Human Health	Asp. Tox. 1 – H304	
	Environment	Aquatic Chronic. 3 – H412	
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. DANGER			
Hazard statements.			
H304	May be fatal if swallowed and enters airways.		
H412	Harmful to aquatic life with long lasting effects.		
Precautionary statements.			
P273	Avoid release to the environment.	P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE / doctor

P331	Do NOT induce vomiting.	P405	Store locked up.
P501	Dispose of contents and containers in accordance with local/regional/ national/ international regulations.		

2.3 Other hazards – Results of PBT and vPvB

Results of PBT Assessment	Not applicable.
Result of vPvB	Not applicable.

3. 1 Composition / information on ingredients: NCS (UVCB) Constituents Information

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Beta Farnesene	CAS: 18894-84-8 EC: 242-582-0	10 -25%	Asp. Tox. 1 – H304
6-methyl-2-(4-methyl-3-cyclohexen-1-yl)-5-hepten-2-ol	CAS: 515-69-5 EC: 208-205-9	≤2.5%	Aquatic Chronic. 2 – H411

4. First Aid Measures

4.1 General	Immediately remove any clothing soiled by the product.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
Skin contact	Take off all contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention
Ingestion	Rinse mouth out with water. Do NOT induce vomiting. Immediately call POISON CENTER or GP. Do not give milk or fatty oils.

4.2 Most important symptoms and effects, both acute and delayed:

	No further relevant information available.
--	--

4.3 Indication of any immediate medical attention and special treatment need

	No further relevant information available.
--	--

5. Firefighting Measures

5.1 Extinguishing Media: Foam, Carbon dioxide (CO₂) or dry chemicals.

Suitable extinguishing media:	
Unsuitable extinguishing media:	

5.2 Special hazards arising from the substances or mixture

Hazardous combustion products:	Combustible liquid which forms an explosive mixture with air upon intense heating. Be aware of possibility of combustion gases in event of fire.
Advice for firefighters	Wear self-contained breathing apparatus.

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	
Emergency procedures:	
6.1.2 For Emergency responders	
6.2 Environmental precautions	Try to prevent the material from entering drains or water courses. Advise authorities if spillage has entered a water course or sewage or has contaminated soil or vegetation.
6.3 Methods for cleaning up –	Remove ignition sources. Cover the spillage with dry chemical or dry sand. Contain and absorb using earth, sand, or other inert material.
6.3.1 For containment:	
6.3.2 For cleaning up:	
6.3.3. Other information:	Disposal: Transfer into suitable containers for recovery or disposal in accordance with local regulations. Wash area clean with water and detergent.
6.4 Reference to other sections	

7. Handling and storage	
7.1 Precautions for safe handling	
Protective measures: Ensure good ventilation/ exhaustion at the workplace. Prevent formation of aerosols.	
Measures to prevent fire:	
Measures to prevent aerosol and dust generation:	
Measures to protect the environment:	
Advice on general occupational hygiene:	
7.2 Conditions for safe storage, including any incompatibilities	

Technical measures and storage conditions:	Store tightly closed and protect from light at normal storage temperatures. Handling: Handle all containers carefully. Do not eat, drink or smoke whilst handling.
Packaging Materials:	
Requirements for storage and vessels:	
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection	
8.1 Control parameters	
8.2 Exposure controls	
8.2.2 Personal Protection equipment	
8.2.2.1 Eye / face protection	Wear goggles.
8.2.2.2 Skin Protection	
Hand protection	Wear suitable gloves from handling chemicals.
Other skin protection	Standard issue protective workwear. Change contaminated clothing and wash hands after handling.
8.2.2.3 Respiratory protection	Protection needed when vapours / aerosols generated.
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	

9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Blue / blue green
Appearance	Essential oil
Odour	Characteristic of Chamomile flower.
Melting Point / freezing point	

Boiling point /Initial boiling point & boiling range	
Flammability	
Lower and upper explosion limit	
Flash point °C	58°C Pensky Martins method.
Auto- ignition temperature	
Decomposition	
pH	
Kinematic Viscosity	
Solubility	Soluble in 2 & more volumes of 80% alcohol.
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	
Density and /or relative density	
Relative vapour density	
Particle characteristics	
9.2 Other information	
Specific gravity @ 20°C	0.880 to 1.100
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	

10. Stability and reactivity	
10.1 Reactivity	
10.2 Chemical Stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions:	
10.4 Conditions to avoid:	Extreme heat.
10.5 Incompatible Materials:	Oxidising agents.
10.6 Hazardous Decomposition Products	Combustion may generate hazardous gases.

11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Acute toxicity:	RIFM – Monograph. No health effects identified.
Skin corrosion /irritation:	
Seriously eye damage/irritation:	
Respiratory or skin sensitisation:	
Germ cell mutagenicity:	
Carcinogenicity:	

Reproductive toxicity:	
Summary of evaluation of the CMR properties:	
STOT- single exposure,	
STOT-repeated exposure:	
Aspiration hazard:	

12. Ecological information	
12.1 Toxicity	No formal data available.
12.2 Persistency degradability	
12.3 Bio accumulative potential	
12.4 Mobility in soil	
12.5 Results of PBT and vPvB Assessment	
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	

13. Disposal considerations	
13.1 Waste treatment methods	Dispose of contents / containers in accordance with local/regional/ national/ international regulations.
13.1.1. Product /Packaging disposal:	
13.1.2 Waste treatment-relevant information:	
13.1.3 Sewage disposal-relevant information:	
13.1.4 Other disposal-relevant recommendations:	

14. Transport information	
14.1 UN Number or ID number	1993
14.2 UN proper Shipping name	
14.3 Transport hazard class(es)	
14.4 Packing group	
14.5 Environmental hazards	
14.6 Special precautions for user	
14.7 Maritime transport in bulk according to IMO instruments	

15 Regulatory information

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

UK Legislation	1974 Health & Safety at Work Act, as amended. 1990 Environment Protection Act. 1991 Road Traffic Act.
15.2 Chemical Safety Assessment	

16. Other information

(i) Indication of Changes: Revised Safety Data Sheet Format: From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021’.

(ii) Abbreviations and acronyms:

RID: Reglement international concernant le transport des marschandisers dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Good by Rail).

IATA-DGR: Dangerous Goods Regulations by the “International Air Transport Association” (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the ‘International Civil Aviation Organisation” (ICAO)

ADR: Accord eurpeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal Dose, 50 percent

PBT: Persistent, Bio accumulative and Toxic

vPvB: Very Persistent and very Bio accumulative

RIFM: The Research Institute for Fragrance Materials.

(iii) Key Literature references and sources of date.

(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):

Classification according to Regulation (EC) 1272/2008(CLP)	Classification procedure

(v) Relevant H-statements (number and full text):	
(vi) Training advice:	
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.
QC requirements	
In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.	
Disclaimer:	
The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.	