



24 CHATHAM PLACE, BRIGHTON BN1 3TN (UK)  
TEL.(UK) 0845 310 8066 FAX.(UK) 0845 310 8068  
International Tel. +44 1273 746505 Int. Fax. +44 1273 202729  
EMAIL: info@nhrorganic oils.com Web Site: [www.nhrorganic oils.com](http://www.nhrorganic oils.com)

## Safety Data Sheet

# Organic Chamomile Essential Oil - German (Blue)

## Matricaria recutita

### 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

Product Name	Chamomile oil Blue				
Biological Definition	The steam volatile oil of <i>Chamomilla recutita</i> (L.) Rauschert syn. <i>Matricaria chamomilla</i> Auct.				
INCI Name	Chamomilla recutita flower oil				
Synonyms & Trade Names	Chamomile oil German; Chamomile oil Hungary; Chamomile oil Egypt				
Supplier	NHR Organic Oils, 24 CHATHAM PLACE, BRIGHTON, BN1 3TN, UK. Emergency Tel No: 0845 3108066				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No.	2273	FDA No.	§182.20	CoE No.	273
CAS-No	8002-66-2	EC No.	282-006-5	EINECS No.	282-006-5

### 02. HAZARDS IDENTIFICATION

Classification (1999/45)	Not classified
Classification (EC 1272/2008)	Not classified. UN-GHS: SCI 3
Label in accordance with (EC) No 1272/2008	Labelling not required
Signal Word	Warning
Contains	No hazardous components listed under EC 1272/2008
Hazard Statements	None
Precautionary Statements	None
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	Combustible but will not self-ignite.
Adverse effects on human health	None listed

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

No hazardous components listed under EC 1272/2008. Contains bisabolol oxide A (to 58%), chamazulene (to 24%), farnescene (to 3%).

### 04. FIRST AID MEASURES

General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.

Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.

#### **05. FIRE-FIGHTING MEASURES**

Extinguishing Media	Use CO <sub>2</sub> , Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Fire Fighting Procedures	Wear protective clothing. Avoid inhalation of vapours.
Specific Hazards	None
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and should be cooled with water spray



#### **06. ACCIDENTAL RELEASE MEASURES**

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.

#### **07. HANDLING AND STORAGE**

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage Precautions	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

#### **08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Protective Equipment	  Goggles      Gloves
Engineering Measures	Ensure good ventilation of working area.
Respiratory Equipment	As required. Avoid breathing product vapour.
Hand Protection	Avoid all skin contact (oil will stain the skin). Use chemically resistant gloves if required.
Eye Protection	Use safety glasses.
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling

#### **09. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Slightly viscous liquid
Colour	Blue-black turning blue-green/green with increasing age.

Odour	Characteristic - Hay-like with emerging fruity aspect.
Relative Density	0.870 to 0.950 @ 20°C
Flash Point (°C)	93 c/c
Refractive Index	1.470 to 1.530 @ 20°C
Melting Point (°C)	No data found
Boiling Point (°C)	> 180°C with decomposition at 760 mm Hg
Vapour Pressure	Not determined
Solubility in Water @20°C	1.3 mg/L @ 25°C (est.)
Auto-ignition temperature (°C)	Not determined

## 10. STABILITY AND REACTIVITY

Stability	It presents no significant reactivity hazards, by itself or in contact with water.
Conditions to Avoid	Avoid storage temperatures above 25°C
Materials to Avoid	Avoid contact with strong acids, alkalis and oxidising agents.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

## 11. TOXOLOGICAL INFORMATION

Acute Toxicity	Acute oral LD50 (oral rat) 10000 mg/Kg <i>Arzneimittel-Forschung. Drug Research</i> <b>19</b> , 615 (1969). Dermal LD50 (skn-rbt.) > 5000 mg/kg <i>Food and Cosmetics Toxicology</i> <b>12</b> , 851 (1974).
Skin corrosion / irritation	Category 3 under UN-GHS
Serious eye damage / irritation	Not classified
Respiratory or skin sensitisation	Not classified
Germ Cell Mutagenicity	Not listed as mutagenic
Carcinogenicity	Not listed as carcinogenic
Reproductive toxicity	Not listed as reprotoxic
STOT-single exposure	No additional data available
STOT-repeated exposure	No additional data available
Aspiration hazard	Not listed as aspiration hazard.
Photo-toxicity	7-Methoxycoumarin content (max. found 0.1%) may cause phototoxicity issues: max use recommendation (IFRA): 0.6% in fragrances and 6.0% in flavourings.
Other Information	None

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	No weight-of-evidence-summary available
Mobility	No additional data available
Persistence & Biodegradability	No additional data available
Bioaccumulation Potential	No additional data available
PBT Assessment Results	No additional data available
Precautions	Do not dispose onto soil, watercourses or the sea.

## 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.
------------------	--

## 14. TRANSPORT INFORMATION

Warning Icon	Not ascribed
Proper Shipping Name	Not subject to ADR
UN No. Road	Not applicable
ADR Class	Not subject to ADR
Hazard No (ADR)	Not subject to ADR
Hazchem Code	Not applicable
UN No. SEA	Not applicable
IMDG Class	Not applicable
IMDG Pack Gr.	Not applicable
EMS	Not applicable
UN No. AIR	Not applicable
Air Class	Not applicable
Air Pack Gr.	Not applicable

## 15. REGULATORY INFORMATION

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 <sup>th</sup> Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

**16. OTHER INFORMATION**

Revision Date	1/2015
Rev No/Repl, SDS Generated	1
Risk Phrases in Full	Not ascribed
Hazard Statements in Full	Not ascribed
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.

**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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.