


**KAMOMILL BLÅ****1 Identification of substance**

- 1 **Product details** Chamomille blue oil / 1049 Kamomill blå  
 2 **CAS number:** 8002-66-2  
 3 **EINECS number:**  
 4 **Utilization:** Cosmetics, aroma therapy, food, flavours  
 5 **Manufacturer / Supplier:**  
*Naturkosmetikkompaniet AB*  
*Ullevi Enestorp 3 59491 Gamleby*  
*tel: 0493-53999 fax: 0493-12630*  
 6 **Information department:**

Emergency number: 112

**2 Hazards identification****Pictograms, signal words, hazard statements and precautionary statements**

67/548/EGK, 1999/45/EK (Kbtv., 44/2000 EüM r.)	CLP -Regulation (EC) No 1272/2008 Pictograms, and signal words		Hazard statements	Precautionary statements		
				Physical	Health	Environmental
<b>Xi (Irritant)</b>	GHS07	 Warning	H315	P264 P280	P302 P305 P351 P352 P337 P321 P332 P313 P362	

**2 Nature of special risks attributed to dangerous substances and preparations: R-phrases and hazard statements**

- |                |   |             |                                     |
|----------------|---|-------------|-------------------------------------|
| <b>R 36/38</b> | Irritating to eyes and skin             | <b>H319</b> | Causes serious eye irritation       |
|                |   | <b>H315</b> | Causes skin irritation              |
| <b>R 43</b>    | May cause sensitization by skin contact | <b>H317</b> | May cause an allergic skin reaction |

**3 Composition/Data on components**

- 1 **Chemical characterization** Chamomille blue oil
- 2 **Dangerous components:**
- | Component name      | IUPAC name | CAS<br>number | EINECS<br>number | %       | Symbol(s) | R- and S-phrases |
|---------------------|------------|---------------|------------------|---------|-----------|------------------|
| Chamomille blue oil |            | 8002-66-2     |                  | 100,00% | Xi        | R38,S02,S26,S36  |
| -                   |            |               |                  |         |           |                  |
| -                   |            |               |                  |         |           |                  |
| -                   |            |               |                  |         |           |                  |
| -                   |            |               |                  |         |           |                  |
| -                   |            |               |                  |         |           |                  |

**4 First aid measures**

- 1 **After inhalation:**  
Supply fresh air and to be sure call for a doctor.
- 2 **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
Immediately rinse with water.
- 3 **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
If swallowed, rinse mouth with water (only if the person is conscious)

## 5 Fire fighting measures

- **Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder.
- **For safety reasons unsuitable extinguishing agents:**
  - Water
  - Water with full jet
- **Protective equipment:** Mount respiratory protective device.

## 6 Accidental release measures

- 1 • **Person-related safety precautions:**
  - Wear protective equipment. Keep unprotected persons away.
- 2 • **Measures for environmental protection:**
  - Prevent seepage into sewage system, workpits and cellars.
  - Ensure adequate ventilation.
  - Do not allow to enter sewers/ surface or ground water.
- 3 • **Measures for cleaning/collecting:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to item 13.
  - Do not flush with water or aqueous cleansing agents

## 7 Handling and storage

- 1 **Handling**
  - **Information for safe handling:**
    - Ensure good ventilation/exhaustion at the workplace.
  - **Information about protection against explosions and fires:**
- 2 **Storage**
  - **Requirements to be met by storerooms and receptacles:** Store in a cool location.
  - **Information about storage in one common storage facility:** Not required.
  - **Further information about storage conditions:**
    - Keep receptacle tightly sealed.
    - Store in cool, dry conditions in well sealed receptacles.
    - Keep out of the reach of children

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**

  - 1 • **General protective and hygienic measures:**
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing.
    - Wash hands before breaks and at the end of work.
    - Avoid contact with the eyes and skin.
  - 2 • **Breathing equipment:**
    - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
    - In case of fire and/or explosion do not breathe fumes
  - 3 • **Protection of hands:**
    - Wear suitable gloves
  - 4 • **Eye protection:**
    - Tightly sealed goggles
    - Wear eye/face protection

## 9 Physical and chemical properties

- **Form:** Fluid
- **Color:** According to product specification
- **Odor:** Characteristic
- **Change in condition**
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: n.a. °C
- **Flash point:** 93 °C
- **Ignition temperature:** n.a. °C
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
- **Explosion limits:**
  - Lower:
  - Upper:
- **Vapor pressure at 20°C**
- **Density at 20°C (68°F):**
- **Solubility in / Miscibility with**
  - Water: Not miscible or difficult to mix.
- **pH-value at 20°C (68°F):** n.a.
- **Solvent content:**
  - Organic solvents: 0 %

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** **No dangerous reactions known.**
- **Dangerous products of decomposition:** No dangerous decomposition products known.

## 11 Toxicological information

- **Acute toxicity:**
- **LD/Lc50 values that are relevant for classification:**  
8002-66-2 Chamomille blue oil
- **Oral LD50** 10000 mg/kg (rat)
- **Dermal LD50** 5000 mg/kg (rbt)
- **Primary irritant effect:**
- **on the skin:**
- **on the eye:**
- **Sensitization:**
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:

## 12 Ecological information

- **General notes:**  
Water hazard class 2 (Self-assessment): hazardous for water  
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
Do not empty into drains; dispose of this material and its container in a safe way

## 13 Disposal considerations

- **Product:** Chamomille blue oil
- **Recommendation:**  
This material and its container must be disposed of as hazardous waste  
Dispose of this material and its container to hazardous or special waste collection point  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

EWC: 13 08 99

## 14 Transport information

- **DOT regulations:**
- **Identification number:**
- **Packing group:**
- **Packing group:**
- **Land transport ADR/RID (cross-border):**
  - ADR/RID class:
  - Label:
  - Packaging group:
  - UN-Number:
- **Maritime transport IMDG:**
  - IMDG Class:
  - Label:
  - UN Number:
  - Packaging group:
  - EMS Number:
  - Marine pollutant: No
  - Proper shipping name:
- **Air transport ICAO-TI and IATA-DGR:**
  - ICAO/IATA
  - Label:
  - UN/ID Number:
  - Packaging group:
  - Proper shipping name:

## 15 Regulations

- **Product related hazard informations:**

*The product has been classified and marked in accordance with  
EU Classification (671548/EEC-8813791EEC) 1907/2006, 1272/2008 and 453/2010/EC*

- **Hazard symbols:**

*Xi : Irritant*

GHS07



Warning

- **Hazard-determining components of labelling:**

- **Risk phrases:**

**R 36/38** Irritating to eyes and skin  
**R 43** May cause sensitization by skin contact

- **Hazard statements:**

**H319** Causes serious eye irritation  
**H315** Causes skin irritation  
**H317** May cause an allergic skin reaction

- **Safety phrases:**

**S 2** *Keep out of the reach of children*  
**S 25** *Avoid contact with eyes*  
**S 40** *To clean the floor and all objects contaminated by this material, use aqueous cleansing agents*  
**S 56** *Dispose of this material and its container to hazardous or special waste collection point*  
**S 60** *This material and its container must be disposed of as hazardous waste*  
**S 64** *If swallowed, rinse mouth with water (only if the person is conscious)*

- **Precautionary statements:**

EN

**P264** Wash ... thoroughly after handling.  
**P280** Wear protective gloves/protective clothing/eye protection/face protection.  
**P302** IF ON SKIN:  
**P305** IF IN EYES:  
**P313** Get medical advice/attention.  
**P321** Specific treatment (see ... on this label).  
**P332** If skin irritation occurs:  
**P351** Rinse cautiously with water for several minutes.  
**P352** Wash with plenty of soap and water.  
**P362** Take off contaminated clothing and wash before reuse.  
**P337** If eye irritation persists:

- **Special labeling of certain preparations:**

- **Water hazard class:**

## 16 Other information

**A list of reference recources used to assist the committee may be found at:**

RTECS - Registry of Toxic Effects of Chemical Substances

OHMTADS - Oil and Hazardous Materials Technical Assistance Data System

**IFRA-CERTIFICATE**  
**48<sup>TH</sup> AMENDMENT**

PRODUCT NAME: **CHAMOMILE OIL BLUE** (*Chamomilla recutita L.*) / 1049 Kamomill blå

We herewith declare that the above-mentioned oil contains the following constituents:

**Toluene** (CAS 108-88-3): up to 0,01 %

This compound as such is prohibited by IFRA (*38<sup>th</sup> amendment*). For fragrance material the level of Toluene has to be kept as low as practicable and should never exceed 100 ppm in the fragrance compound.

**Methyleugenol** (CAS 93-15-2) up to 0,02 %

This compound is restricted by IFRA and should not exceed the concentration limits in the finished product, as recommended by the corresponding IFRA Standard (*48<sup>th</sup> amendment*).

**Cuminaldehyd** (CAS 122-03-2): up to 0,003 %

Cuminaldehyd is restricted by IFRA and should not exceed the maximum limits in the finished product, as defined in the IFRA Standard (*47<sup>th</sup> amendment*).

**Geraniol** (CAS 106-24-1) up to 0,005 %

It is restricted by IFRA and should not exceed the maximum limits in the finished product, as defined in the IFRA Standard (*42<sup>nd</sup> amendment*).

**Eugenol** (CAS 97-53-0): up to 0,05 %

It is restricted by IFRA and should not exceed the maximum limits in the finished product, as defined in the IFRA Standard (*43<sup>d</sup> amendment*).

**Furfural** (CAS 98-01-1): up to 0,02 %

It is also restricted by IFRA and should not exceed the maximum limits in the finished product, as defined in the IFRA Standard (*47<sup>th</sup> amendment*).

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