

**SAFETY DATA SHEET**  
according to Regulation (EU) 2015/830

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SPISKUMMIN

Revision 1

Revision date 2016-11-03

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

|                               |                           |
|-------------------------------|---------------------------|
| Product name                  | 1117 Spiskummin           |
| Other means of identification | Cuminum Cyminum Seed Oil. |
| CAS No.                       | 84775-51-9                |
| EC No.                        | 283-881-6                 |

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

|             |   |
|-------------|---|
| Product Use | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC39] Cosmetics, personal care products; |
| Description | Essential Oil.  |

**1.3. Details of the supplier of the safety data sheet**

|           |   |
|-----------|---|
| Company   | Naturkosmetikkompaniet AB                     |
| Address   | Ullevi Enestorp 3<br>59491 Gamleby<br>Sverige |
| Web       | www.kosmetikkompaniet.se                      |
| Telephone | 0493-53999                                    |
| Fax       | 0493-12630                                    |
| Email     | info@naturkosmetikkompaniet.se                |

**1.4. Emergency telephone number**

|                            |     |
|----------------------------|-----|
| Emergency telephone number | 112 |
|----------------------------|-----|


**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

|                                      |  |
|--------------------------------------|--|
| 2.1.1. Classification - 67/548/EEC   | Xn; R22-65 Xi; R43 N; R51/53 R10<br>Symbols: Xn: Harmful. N: Dangerous for the environment.  |
| Main hazards                         | Flammable. Harmful if swallowed. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. |
| 2.1.2. Classification - EC 1272/2008 | Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;   |

**2.2. Label elements**

2.2. Label elements

|  |  |
|--|--|
| <b>Hazard pictograms</b>                   |    |
| <b>Signal Word</b>                         | Danger   |
| <b>Hazard Statement</b>                    | Flam. Liq. 3: H226 - Flammable liquid and vapour.<br>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.<br>Skin Irrit. 2: H315 - Causes skin irritation.<br>Skin Sens. 1: H317 - May cause an allergic skin reaction.<br>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. |
| <b>Precautionary Statement: Prevention</b> | P262 - Do not get in eyes, on skin, or on clothing.<br>P273 - Avoid release to the environment.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.   |
| <b>Precautionary Statement: Response</b>   | P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ .<br>P331 - Do NOT induce vomiting.<br>P391 - Collect spillage.   |
| <b>SUPPLEMENTAL HAZARD INFORMATION</b>     | EUH208 - Contains limonene. May produce an allergic reaction.  |

**SECTION 3: Composition/information on ingredients**

3.1. Substances

67/548/EEC / 1999/45/EC

| Chemical Name  | Index No. | CAS No.    | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification                   | M-factor. |
|----------------|-----------|------------|-----------|---------------------------|--------------|----------------------------------|-----------|
| CUMIN SEED OIL |           | 84775-51-9 | 283-881-6 |                           | 90 - 100%    | Xn; R22-65 Xi; R43 N; R51/53 R10 |           |

EC 1272/2008

| Chemical Name  | Index No. | CAS No.    | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification   | M-factor. |
|----------------|-----------|------------|-----------|---------------------------|--------------|--|-----------|
| CUMIN SEED OIL |           | 84775-51-9 | 283-881-6 |                           | 90 - 100%    | Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411; |           |

**SECTION 4: First aid measures**

4.1. Description of first aid measures

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | If unconscious, check for breathing and apply artificial respiration if necessary. Move the exposed person to fresh air. Seek medical attention. |
| <b>Eye contact</b>  | Rinse immediately with plenty of water for 15 minutes. Seek medical attention.   |
| <b>Skin contact</b> | Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention.  |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention.                   |

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

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | The most important symptoms and effects are stated in section 2.2. |
| <b>Eye contact</b>  | The most important symptoms and effects are stated in section 2.2. |
| <b>Skin contact</b> | The most important symptoms and effects are stated in section 2.2. |
| <b>Ingestion</b>    | The most important symptoms and effects are stated in section 2.2. |

4.3. Indication of any immediate medical attention and special treatment needed

|  |                    |
|--|--------------------|
|  | No data available. |
|--|--------------------|

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

|  |   |
|--|---|
|  | Carbon dioxide (CO2). Foam. Dry chemical. Do NOT use water jet. Cool fire exposed containers with waterspray. |
|--|---|

**5.2. Special hazards arising from the substance or mixture**

|  |   |
|--|---|
|  | Nature of decomposition products not known. |
|--|---|

**5.3. Advice for firefighters**

|  |                                     |
|--|-------------------------------------|
|  | Self-contained breathing apparatus. |
|--|-------------------------------------|

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

|  |   |
|--|---|
|  | Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective clothing and eye/face protection. Avoid breathing vapours, mist or gas. Avoid sparks, flames, heat and sources of ignition. Eliminate all sources of ignition. |
|--|---|

**6.2. Environmental precautions**

|  |  |
|--|--|
|  | Do not empty into drains. Do not flush into surface water. Do not let product contaminate subsoil. |
|--|--|

**6.3. Methods and material for containment and cleaning up**

|  |  |
|--|--|
|  | Absorb with inert, absorbent material. Do not empty into drains; dispose of this material and its container in a safe way. |
|--|--|

**6.4. Reference to other sections**

|  |                              |
|--|------------------------------|
|  | For disposal see section 13. |
|--|------------------------------|

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**


|  |   |
|--|---|
|  | Avoid contact with eyes and skin. Do not breathe gas/fumes/vapour/spray. Avoid sparks, flames, heat and sources of ignition. For precautions see section 2.2. |
|--|---|

**7.2. Conditions for safe storage, including any incompatibilities**

|  |   |
|--|---|
|  | Keep container tightly closed and in a well-ventilated place. Store in a cool, dry area. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from sources of ignition - No smoking. |
|--|---|

**SECTION 8: Exposure controls/personal protection**

**8.2. Exposure controls**

|  |   |
|--|---|
|  |  |
| <b>8.2.1. Appropriate engineering controls</b> | Handle in accordance with good industrial hygiene and safety practices.             |
| <b>Eye / face protection</b>                   | Safety glasses. Suitable eye protection.  |
| <b>Skin protection - Handprotection</b>        | Wear suitable gloves.   |
| <b>Respiratory protection</b>                  | In case of insufficient ventilation, wear suitable respiratory equipment.           |

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

|  |  |
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|  |  |
|--|--|

**9.1. Information on basic physical and chemical properties**

|                                   |  |
|-----------------------------------|--|
| <b>Appearance</b>                 | Liquid                                       |
| <b>Colour</b>                     | Yellow/Brown                                 |
| <b>Odour</b>                      | Characteristic                               |
| <b>Flash point</b>                | 48 °C  |
| <b>Relative density</b>           | 0.914 - 0.924 (H <sub>2</sub> O = 1 @ 20 °C) |
| <b>Fat Solubility coefficient</b> | Not determined                               |
| <b>Partition coefficient</b>      | Not determined                               |
| <b>Autoignition temperature</b>   | Not determined                               |
| <b>Viscosity</b>                  | Not determined                               |
| <b>Explosive properties</b>       | Not determined                               |
| <b>Oxidising properties</b>       | Not determined                               |
| <b>Evaporation rate</b>           | Not determined                               |
| <b>Flammability (solid, gas)</b>  | Not determined                               |
| <b>Vapour pressure</b>            | Not determined                               |
| <b>Vapour density</b>             | Not determined                               |
| <b>Odour threshold</b>            | Not determined                               |
| <b>Melting point</b>              | Not determined                               |
| <b>Freezing Point</b>             | Not determined                               |
| <b>Initial boiling point</b>      | Not determined                               |
| <b>pH</b>                         | Not applicable.                              |
| <b>Solubility</b>                 | Insoluble in water                           |

**9.2. Other information**

|   |                |
|---|----------------|
| <b>Conductivity</b>                     | Not determined |
| <b>Surface tension</b>                  | Not determined |
| <b>Gas group</b>                        | Not determined |
| <b>Benzene Content</b>                  | Not determined |
| <b>Lead content</b>                     | Not determined |
| <b>VOC (Volatile organic compounds)</b> | Not determined |

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available for this product.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No data is available on this product.

**10.4. Conditions to avoid**

Avoid sparks, flames, heat and sources of ignition.

**10.5. Incompatible materials**

Strong oxidising agents. Acids. Bases.

**10.6. Hazardous decomposition products**

No data is available on this product. In the event of a fire see section 5.

**SECTION 11: Toxicological information**

**11.1.4. Toxicological Information**

No data available

**SECTION 12: Ecological information**

12.1. Toxicity

|  |                   |
|--|-------------------|
|  | No data available |
|--|-------------------|

12.3. Bioaccumulative potential

Partition coefficient

|  |                               |
|--|-------------------------------|
|  | CUMIN SEED OIL Not determined |
|--|-------------------------------|

**SECTION 13: Disposal considerations**

Disposal methods

|  |  |
|--|--|
|  | Do not empty into drains; dispose of this material and its container in a safe way. Contact a licensed waste disposal company. |
|--|--|

Disposal of packaging

|  |  |
|--|--|
|  | Contact a licensed waste disposal company. |
|--|--|

**SECTION 14: Transport information**

Hazard pictograms

|  |  |
|--|--|
|  |  |
|--|--|

14.1. UN number

|  |        |
|--|--------|
|  | UN1169 |
|--|--------|

14.2. UN proper shipping name

|  |   |
|--|---|
|  | EXTRACTS, AROMATIC, LIQUID (Cuminum Cyminum Seed Oil) |
|--|---|

14.3. Transport hazard class(es)

|                 |   |
|-----------------|---|
| ADR/RID         | 3 |
| Subsidiary risk | - |
| IMDG            | 3 |
| Subsidiary risk | - |
| IATA            | 3 |
| Subsidiary risk | - |

14.4. Packing group

|               |     |
|---------------|-----|
| Packing group | III |
|---------------|-----|

14.5. Environmental hazards

|                       |     |
|-----------------------|-----|
| Environmental hazards | Yes |
| Marine pollutant      | Yes |

ADR/RID

|                 |       |
|-----------------|-------|
| Hazard ID       | 30    |
| Tunnel Category | (D/E) |

IMDG

|          |         |
|----------|---------|
| EmS Code | F-E S-D |
|----------|---------|

IATA

|                             |     |
|-----------------------------|-----|
| Packing Instruction (Cargo) | 366 |
|-----------------------------|-----|

IATA

|                                    |       |
|------------------------------------|-------|
| Maximum quantity                   | 220 L |
| Packing Instruction<br>(Passenger) | 355   |
| Maximum quantity                   | 60 L  |

**SECTION 15: Regulatory information**

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

|             |   |
|-------------|---|
| Regulations | 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. |
|-------------|---|

**15.2. Chemical safety assessment**

|  |  |
|--|--|
|  | A chemical safety assessment was not carried out for this substance. |
|--|--|

**SECTION 16: Other information**

**Other information**

|  |  |
|--|--|
| Text of risk phrases in Section 3      | R10 - Flammable<br>R22 - Harmful if swallowed.<br>R43 - May cause sensitisation by skin contact.<br>R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.<br>R65 - Harmful: may cause lung damage if swallowed.   |
| Text of Hazard Statements in Section 3 | Flam. Liq. 3: H226 - Flammable liquid and vapour.<br>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.<br>Skin Irrit. 2: H315 - Causes skin irritation.<br>Skin Sens. 1: H317 - May cause an allergic skin reaction.<br>Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. |

**General information**

|  |   |
|--|---|
|  | When stored for more than 12 months under advised conditions, check quality of material before use. |
|--|---|

**Further information**

|  |  |
|--|--|
|  | The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process. |
|--|--|

## IFRA STANDARDS CONFORMITY CERTIFICATE

### Fragrance compound

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Spiskummin

Product: Cumin Seed Oil

We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 48th Amendment to the IFRA Code of Practice (published July 9<sup>th</sup> 2015), provided it is used in the following class(es) at a maximum concentration level of:

| <b>IFRA class(es) [see respective IFRA guidance/annex for details]</b> | <b>Level of use (%)*</b> |
|--|--------------------------|
| IFRA Class 1 Limit   | 0.07%                    |
| IFRA Class 2 Limit   | 0.09%                    |
| IFRA Class 3.A Limit   | 0.4%                     |
| IFRA Class 3.B Limit   | 0.4%                     |
| IFRA Class 3.C Limit   | 0.4%                     |
| IFRA Class 3.D Limit   | 0.4%                     |
| IFRA Class 4.A Limit   | 0.4%                     |
| IFRA Class 4.B Limit   | 0.4%                     |
| IFRA Class 4.C Limit   | 0.4%                     |
| IFRA Class 4.D Limit   | 0.4%                     |
| IFRA Class 5 Limit   | 0.4%                     |
| IFRA Class 6 Limit   | 1.9%                     |
| IFRA Class 7.A Limit   | 0.19%                    |
| IFRA Class 7.B Limit   | 0.19%                    |
| IFRA Class 8.A Limit   | 0.4%                     |
| IFRA Class 8.B Limit   | 2.61%                    |
| IFRA Class 9.A Limit   | 11.9%                    |
| IFRA Class 9.B Limit   | 11.9%                    |
| IFRA Class 9.C Limit   | 11.9%                    |
| IFRA Class 10.A Limit  | 5.95%                    |
| IFRA Class 10.B Limit  | 0.4%                     |
| IFRA Class 11 Limit  | 100%                     |

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents.

\*Actual use level or maximum use level

The IFRA Standards are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM).

**Recommendation:** Information about presence and concentration of IFRA restricted/prohibited materials in the fragrance compound (Cumin Seed Oil) is as follows:

IFRA Restricted materials:

| Ingredient name | CAS       | Concentration (mg/kg) |
|-----------------|-----------|-----------------------|
| Cuminaldehyde   | 122-03-02 | 42%                   |

IFRA prohibited materials:

| Ingredient name | CAS | Details |
|-----------------|-----|---------|
|                 |     |         |