

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

**Product name:** GARLIC OIL

**CAS number:** 8000-78-0

**EINECS number:** -

**INCI name:** Allium Sativum

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

**Use of substance / mixture:** Cosmetic use, suitable for food use.

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

**Company name:** Naissance

Unit 9 Milland Road

Industrial Estate

Neath

Neath Port Talbot

SA11 1NJ

**Tel:** 0800 0430 826

**Email:** info@naissance.co.uk

**1.4. Emergency telephone number****Section 2: Hazards identification****2.1. Classification of the substance or mixture**

**Classification under CLP:** Skin Sens. 1: H317; Acute Tox. 3: H301; Skin Irrit. 2: H315; Eye Dam. 1: H318; Flam. Liq. 3: H226

**Most important adverse effects:** Flammable liquid and vapour. Toxic if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

**2.2. Label elements****Label elements:**

**Hazard statements:** H226: Flammable liquid and vapour.

H301: Toxic if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

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**Signal words:** Warning

**Precautionary statements:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331: Do NOT induce vomiting.

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### DIALLYL DISULFIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
218-548-6	2179-57-9	-	Skin Sens. 1: H317; Skin Irrit. 2: H315; Acute Tox. 3: H301; Flam. Liq. 3: H226; Eye Dam. 1: H318; Eye Irrit. 2: H319	30-50%

##### DIALLYL TRISULFIDE

218-107-8	2050-87-5	-	Acute Tox. 4: H302; Flam. Liq. 3: H226	10-30%
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#### Non-classified ingredients:

##### DIALLYL SULFIDE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
209-775-1	592-88-1	-	Flam. Liq. 3: H226	1-10%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash with soap and water. After contact with the skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. If irritation persists, seek medical advice.

**Eye contact:** Bathe the eye with running water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists seek medical advice.

[cont...]

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**Ingestion:** Do not induce vomiting. Wash out mouth with water. Never give anything by mouth if person is unconscious. Seek medical attention if necessary.

**Inhalation:** Move affected person to fresh air at once. Get medical attention if any discomfort continues. If not breathing give artificial respiration and oxygen if available.

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

**Skin contact:** No additional data available.

**Eye contact:** No additional data available.

**Ingestion:** No additional data available.

**Inhalation:** No additional data available.

**Delayed / immediate effects:** No additional data available.

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

**Immediate / special treatment:** Treat symptomatically.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Foam.

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

**Exposure hazards:** Thermal decomposition can lead to release of irritating and toxic gases and vapours. Hazardous combustion products - Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Ensure adequate ventilation, especially in confined areas. Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Dispose of in line with local authority guide lines

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

**Clean-up procedures:** Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. transfer used material to a suitable waste container and dispose on accordance with regulations.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS. Refer to Section 12 of SDS.

[cont...]

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## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Apply good manufacturing practice and industrial hygiene practices.

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

**Storage conditions:** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep air contact to a minimum.

**Suitable packaging:** No additional data available.

### 7.3. Specific end use(s)

**Specific end use(s):** No additional data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses with side-shields. Safety goggles.

**Skin protection:** Protective clothing.

**Environmental:** Avoid discharging into drainage water

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Reddish-yellow

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Boiling point/range°C:** No data available.

**Melting point/range°C:** No data available.

**Flash point°C:** 30

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** 1.050 - 1.095

### 9.2. Other information

**Other information:** No additional data available.

[cont...]

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## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** No data available.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Extremes of temperature Direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid:** No additional data available

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** Not expected

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	260	mg/kg
ORAL	RAT	LD50	2980	mg/kg
DERMAL	RBT	LD50	3600	mg/kg
DERMAL	RAT	LD50	1826	mg/kg

#### \* Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 3)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** No additional data available.

**Eye contact:** No additional data available.

**Ingestion:** No additional data available.

**Inhalation:** No additional data available.

**Delayed / immediate effects:** No additional data available.

**Other information:** No additional data available.

[cont...]

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## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** No data available.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1197

### 14.2. UN proper shipping name

**Shipping name:** EXTRACTS, FLAVOURING, LIQUID

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Tunnel code:** D/E

**Transport category:** 3

[cont...]

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## Section 15: Regulatory information

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

**Specific regulations:** Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 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 Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 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. The chemicals (Hazard Info and packaging for Supply Regulations 2009 (S.I. 2009 No 716)) Classification and Labelling of Substances and Preparations Dangerous for supply. Safety Data Sheets for Substances and Preparations. Workplace Exposure limits EH40 CHIP for everyone HSG 108.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H226: Flammable liquid and vapour.  
H301: Toxic if swallowed.  
H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.