

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

## ANISE OIL FD / DR 5 KG

Version 2.0

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

#### 1.1. Product identifier

Trade name : ANISE OIL FD / DR 5 KG  
Substance name : Anise, ext.  
CAS-No. : 84775-42-8  
EC-No. : 283-872-7

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

Use of the Substance/Mixture : Flavours  
Uses advised against : At this moment we have not identified any uses advised against

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

Company : Brenntag Nordic A/S  
Borupvang 5 B  
DK 2750 Ballerup  
Telephone : +45 43 29 28 00  
Telefax : +45 43 29 27 00  
E-mail address : SDS.DK@brenntag-nordic.com  
Responsible/issuing person : Environment & Quality

#### 1.4. Emergency telephone number

Emergency telephone number : In case of personal injury call:  
Denmark: 82 12 12 12 Giftlinien, Bispebjerg Hospital  
Finland: Poison Information Centre: (09) 471 977 (direct) or (09) 47 11 (exchange), open 24h/day  
Norway: 22 59 13 00 Giftinformasjonen (døgnåpent)  
Sweden: +46-8-331231 Giftinformationscentralen (24 hour service)  
Outside these countries: Please call your local emergency services

### SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008

**ANISE OIL FD / DR 5 KG****REGULATION (EC) No 1272/2008**

Hazard class	Hazard category	Target Organs	Hazard statements
Skin sensitisation	Category 1	---	H317
Chronic aquatic toxicity	Category 3	---	H412

For the full text of the H-Statements mentioned in this Section, see Section 16.


**Most important adverse effects**

Human Health : May cause an allergic skin reaction.

Physical and chemical hazards : Stable under normal conditions.

Potential environmental effects : Harmful to aquatic life with long lasting effects.

**2.2. Label elements****Labelling according to Regulation (EC) No 1272/2008**

Hazard symbols : 

Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention : P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ eye protection/ face protection.

Response : P302 + P352 IF ON SKIN: Wash with plenty of water/soap.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

**Hazardous components which must be listed on the label:**

- (E)-Anethole

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### 2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)	
		Hazard class / Hazard category	Hazard statements
<b>Anise, ext.</b>			
CAS-No. : 84775-42-8	100	Skin Sens.1	H317
EC-No. : 283-872-7		Aquatic Chronic3	H412
<b>(E)-Anethole</b>			
CAS-No. : 4180-23-8	80 - 100	Skin Sens.1	H317
EC-No. : 224-052-0			
<b>R-p-mentha-1,8-diene</b>			
Index-No. : 601-029-00-7	< 1	Flam. Liq.3	H226
CAS-No. : 5989-27-5		Skin Irrit.2	H315
EC-No. : 227-813-5		Skin Sens.1	H317
		Aquatic Acute1	H400
		Aquatic Chronic1	H410
<b>(S)-p-mentha-1,8-diene</b>			
Index-No. : 601-029-00-7	< 1	Flam. Liq.3	H226
CAS-No. : 5989-54-8		Skin Irrit.2	H315
EC-No. : 227-815-6		Skin Sens.1	H317
		Aquatic Acute1	H400
		Aquatic Chronic1	H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

If inhaled	: Move to fresh air.
In case of skin contact	: Wash off with soap and water. Remove contaminated clothing and shoes. If symptoms call a physician.
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. Remove contact lenses. If symptoms persist, call a physician.
If swallowed	: Rinse mouth. Drink water as a precaution. Obtain medical attention.

**ANISE OIL FD / DR 5 KG****4.2. Most important symptoms and effects, both acute and delayed**

Symptoms : See Section 11 for more detailed information on health effects and symptoms.

Effects : See Section 11 for more detailed information on health effects and symptoms.

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

Treatment : Treat symptomatically.  
No further information available.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

Suitable extinguishing media : Water spray, foam, dry powder or CO<sub>2</sub>.

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during firefighting : Incomplete combustion may form toxic pyrolysis products.

**5.3. Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.  
Wear personal protective equipment.  
Choose protective equipment according to size of fire.

Further advice : Use water spray to cool unopened containers. Flammable

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions : For personal protection see section 8.

**6.2. Environmental precautions**

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil. In case of large spillage contact the local authority.

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

Methods and materials for containment and cleaning up : Stop the leakage if it can be done without danger. Use personal protective equipment. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see

## ANISE OIL FD / DR 5 KG

section 13).

### 6.4. Reference to other sections

For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Keep away from heat and sources of ignition.

Hygiene measures : Smoking, eating and drinking should be prohibited in the application area.  
Contaminated work clothing should not be allowed out of the workplace.  
Wash hands before breaks and at the end of workday.  
Keep away from food, drink and animal feedingstuffs.

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

Requirements for storage areas and containers : Keep away from food, drink and animal feedingstuffs. Keep tightly closed. Keep in a cool, well-ventilated place. Protect against light. Sensitive to air.

### 7.3. Specific end use(s)

Specific use(s) : No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Component:**

**Terpenes**

#### Other Occupational Exposure Limit Values

GV (DK), Threshold Limit Values (TLV):, vapour and aerosols  
25 ppm

### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation.

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors.

Exposure may primarily be reduced by choice of working method and technical measures.

**ANISE OIL FD / DR 5 KG****Personal protective equipment***Respiratory protection*

Advice : Suitable respiratory protective device  
Recommended Filter type:A  
Self-contained breathing apparatus can be necessary.

*Hand protection*

Advice : The exact break through time can be obtained from the protective glove producer and this has to be observed.  
Choose right chemical protection as:

Material : 4H

*Eye protection*

Advice : Safety glasses

**Environmental exposure controls**

General advice : The product should not be allowed to enter drains, water courses or the soil.  
In case of large spillage contact the local authority.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Form : liquid

Colour : colorless to light yellow

Odour : characteristic

Odour Threshold : no data available

pH : no data available

Melting point/range : 15 °C

Boiling point : 231 - 237 °C

Flash point : > 100 °C

Evaporation rate : no data available

Flammability (solid, gas) : no data available

Upper explosion limit : no data available

Lower explosion limit : no data available

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Vapour pressure	:	no data available
Relative vapour density	:	no data available
Density	:	0,980 - 0,993 g/cm <sup>3</sup>
Water solubility	:	insoluble
Solubility in other solvents	:	(Alcohol) soluble
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	no data available
Explosivity	:	no data available
Oxidizing properties	:	no data available

**9.2. Other information**

No further information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Advice : No information available.

**10.2. Chemical stability**

Advice : No decomposition if stored and applied as directed.  
No further information available.

**10.3. Possibility of hazardous reactions**

Hazardous reactions : No information available.

**10.4. Conditions to avoid**

Conditions to avoid : No information available.

**10.5. Incompatible materials**

Materials to avoid : No information available.

**10.6. Hazardous decomposition products**

Hazardous decomposition products : No information available.

**ANISE OIL FD / DR 5 KG****SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity****Oral**

This material may be a slight health hazard if ingested in large quantities.

**Inhalation**

May cause irritation of respiratory tract.

**Irritation****Skin**

Result : May have irritant effects.  
May cause sensitisation by skin contact.

**Eyes**

Result : May have irritant effect on eyes

**Sensitisation**

Result : May cause an allergic skin reaction.

**SECTION 12: Ecological information****12.1. Toxicity****Acute toxicity****Fish**

no data available

**12.2. Persistence and degradability****Persistence and degradability****Persistence**

Result : no data available

**Biodegradability**



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Result : no data available

**12.3. Bioaccumulative potential****Bioaccumulation**

Result : no data available

**12.4. Mobility in soil****Mobility**

Result : no data available

**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment**

Result : no data available

**12.6. Other adverse effects****Additional ecological information**

Result : Harmful to aquatic life with long lasting effects.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

- Product : Eliminate waste in conditions authorized by the regulations. Store waste in containers provided for this purpose. Do not dump in drains, water sheets or the ground.
- Contaminated packaging : Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
- European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

**SECTION 14: Transport information**

**ANISE OIL FD / DR 5 KG**

Not dangerous goods for ADR, RID, IMDG and IATA.

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

Not applicable.

**14.4. Packaging group**

Not applicable.

**14.5. Environmental hazards**

Not applicable.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

IMDG : Not applicable.

**Further information for transport**

Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other regulations : Only persons, who are thoroughly instructed in the dangerous properties and the necessary safety precautions of the substance, are allowed to work with it.

As a principal rule, persons under 18 years are not allowed to work with this substance.

**15.2. Chemical Safety Assessment**

no data available

**ANISE OIL FD / DR 5 KG****SECTION 16: Other information****Full text of H-Statements referred to under sections 2 and 3.**

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Key literature references : Supplier information and data from the "Database of registered and sources for data substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

|| Indicates updated section.

The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.

The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text