

Safety Data Sheet

according to Regulation (EC) No 1907/2006

AVIXANTHIN 100

Revision date: 26.11.2015

Product code: 17221

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

1.1. Product identifier

AVIXANTHIN 100

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

Use of the substance/mixture

feed additive

for exclusive usage in animal feed

1.3. Details of the supplier of the safety data sheet

Company name:	Kaesler Nutrition GmbH	
Street:	Zeppelinstr. 3	
Place:	D-27472 Cuxhaven	
Post-office box:	740	
	D-27457 Cuxhaven	
Telephone:	(+ 49) 4721 5904 0	Telefax: (+ 49) 4721 5904 334
e-mail:	product.safety@kaesler.de	
Internet:	www.kaesler.de	
Responsible Department:	Kaesler Nutrition GmbH	
	Quality Assurance	
	Zeppelinstr. 3	
	27472 Cuxhaven	

1.4. Emergency telephone number: (+49) 4721 5904 333 (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Free flowing, dark red micro granulate of Canthaxanthin (4,4'-dioxo- β -carotene, C₄₀H₅₂O₂, E 161 g, CAS 514-78-3, EINECS 208-187-2) encapsulated in a matrix of gelatine from pig, starch and sugar, stabilised with mixed natural tocopherols and ascorbyl palmitate or ethoxyquin.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated clothing. Seek medical attention if problems persist.

After inhalation

Provide fresh air.

After contact with skin

No special measures are necessary.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

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After ingestion

Rinse mouth immediately and drink plenty of water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray. Foam. Extinguishing powder. Carbon dioxide (CO₂). Sand.

5.2. Special hazards arising from the substance or mixture

Dust explosive. In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

6.2. Environmental precautions

Treat the recovered material as prescribed in the section on waste disposal. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Avoid generation of dust. Danger of dust explosion.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation as well as local exhaust at critical locations. Take precautionary measures against static discharges. Avoid generation of dust. Dust explosive. Have fire-extinguishers in readiness before opening containers.

Advice on protection against fire and explosion

Danger of dust explosion. Keep away from sources of ignition. - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls



Appropriate engineering controls

Refer to chapter 7. No further action is necessary.

Protective and hygiene measures

Wash contaminated clothing prior to re-use.

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Eye/face protection

Tightly sealed safety glasses.

Hand protection

Tested protective gloves are to be worn: NR (Natural rubber (Caoutchouc), Natural latex).

Skin protection

Wear personal protection equipment.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. According to experience this refers to the following tasks: Weighing and allotting work, bottling and transfer. Filtering device (full mask or mouthpiece) with filter: P2.

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

Physical state:	solid: Powder
Colour:	red - brown
Odour:	characteristic

Test method**Changes in the physical state**

Bulk density:	550 - 700 kg/m ³	
Water solubility: (at 20 °C)	poorly soluble	---

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**Light
Heat**10.5. Incompatible materials**

Acid, concentrated. Alkalis (alkalis), concentrated. Oxidising agent

Further information

Danger of dust explosion.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**Based on available data, the classification criteria are not met.
No data available. Preparation not tested.**Irritation and corrosivity**Based on available data, the classification criteria are not met.
No data available.**Sensitising effects**Based on available data, the classification criteria are not met.
No data available.**Carcinogenic/mutagenic/toxic effects for reproduction**Based on available data, the classification criteria are not met.
No data available.**STOT-single exposure**

Based on available data, the classification criteria are not met.

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STOT-repeated exposure

Based on available data, the classification criteria are not met.
No data available.

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

SECTION 12: Ecological information**12.1. Toxicity**

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.6. Other adverse effects

No data available.

Further information

Product may not be released into water without pre-treatment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)". Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Contaminated packaging

Dispose of waste according to "Kreislaufwirtschafts- und Abfallgesetz (KrW-/AbfG)". Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Marine transport (IMDG)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name: No dangerous good in sense of these transport regulations.

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

The product meets the requirements of Regulation EC 1831/2003 for feed additives and premixes.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

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SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 1,3,9.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)