

Safety Data Sheet

according to UK REACH Regulation

CUXAVIT E50

Revision date: 14.09.2023

Product code: 40440

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

1.1. Product identifier

CUXAVIT E50

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

Use of the substance/mixture

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

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Feed additive (preparation) : Vitamins, pro-vitamins and chemically well-defined substances having similar effect

Vitamin E (3a700i) 50 %

Silica, precipitated and dried (E 551a) (Microgranules / Micropearls)

Hazardous components

none (according to UK REACH Regulation)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated clothing.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

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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.

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

General advice

See protective measures under point 7 and 8.

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

Other information

Take up mechanically. Avoid dust formation.

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 dust formation. Dust explosive. Have fire-extinguishers in readiness before opening containers.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene

Wash contaminated clothing prior to re-use.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

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Appropriate engineering controls

Refer to chapter 7. No further action is necessary.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Hand protection: not required.

Skin protection

Body protection: not required.

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 alloting work, bottling and transfer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Powder - granulate
Colour:	whitish - cream
Odour:	characteristic

Water solubility: (at 20 °C)	virtually insoluble	Test method	---
Bulk density:	approx. 600 kg/m ³		

9.2. Other information

Information with regard to physical hazard classes

Explosive properties
Minimum ignition energy (MIE) with inductance >10/<30 mJ

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

No hazardous reaction when handled and stored according to provisions.

10.5. Incompatible materials

Oxidising agent, strong
Alkalis (alkalis).

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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11.1. Information on hazard classes as defined in GB CLP Regulation**Acute toxicity**

Based on available data, the classification criteria are not met.
Data apply to the technically active substance.

Acute toxicity, oral LD50: > 40.000 mg/kg. species: Rat

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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.

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.

11.2. Information on other hazards**Endocrine disrupting properties**

No data available

Other information

No data available

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

Ecological information refers to active component.

Vitamin E:

Acute fish toxicity: *Leuciscus idus* LC50: > 10.000 mg/l. Exposure time: 96 h.

Aquatic toxicity: *Daphnia magna* EC50: > 500 mg/l. Exposure time: 48 h.

Bacterial toxicity: *Pseudomonas putida* EC10: > 10000 mg/l. Exposure time: 0.5 h.

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

12.2. Persistence and degradability

OECD 301 F Degree of elimination:: 39 % (28 d)

Product is not easily biodegradable.

12.3. Bioaccumulative potential

No data available.

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12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available.

Further information

Do not allow uncontrolled leakage of product into the environment.

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

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)**

<u>14.1. UN number or ID number:</u>	not applicable
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of these transport regulations.
<u>14.3. Transport hazard class(es):</u>	not applicable
<u>14.4. Packing group:</u>	not applicable

Marine transport (IMDG)

<u>14.1. UN number or ID number:</u>	not applicable
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of these transport regulations.

Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number or ID number:</u>	not applicable
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No data available

14.7. Maritime transport in bulk according to IMO instruments

in delivery state - not applicable

Other applicable information

No data available

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.

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National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,3,4,6,7,8,9,10.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance 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.)