

Safety Data Sheet

according to Regulation (EC) No 1907/2006

carnEon 50

Revision date: 02.03.2017

Product code: 46875

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

1.1. Product identifier

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

Use of the substance/mixture

Feed additive (preparation)

Vitamins, pro-vitamins and chemically well-defined substances having similar effect 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

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

L-Carnitine

Signal word: Warning

Pictograms:



Hazard statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

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Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
541-15-1	L-Carnitine	45 - < 50 %
	208-768-0	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335	

Full text of H and EUH statements: see section 16.

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

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

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

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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 dust formation. 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 dust formation. 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.

Further information on storage conditions

Protect from moisture.

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.

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 alloting work. bottling and transfer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid: Granulate
Colour: white - light beige

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Odour: characteristic

Test method**Changes in the physical state**

Bulk density:

approx. 600 kg/m³Water solubility:
(at 20 °C)

insoluble ---

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

moisture. Light.

10.5. Incompatible materials

Acid, concentrated. Alkalis (alkalis), concentrated.

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.**Irritation and corrosivity**Causes skin irritation.
Causes serious eye irritation.
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**

May cause respiratory irritation. ((L-Carnitine))

STOT-repeated exposureBased 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.

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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

SECTION 16: Other information**Changes**

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

Relevant H and EUH statements (number and full text)

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

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.)