

SAFETY DATA SHEET

Kjeldahl – Tablets KT3-500

Product number: B00727972

Date of creation: 01.10.2020

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

1.1 Product identifier

Product name	Kjeltabs – Tablets KT3-500
Product number	B00727972
Registration number (REACH)	not relevant (mixture)

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

Identified uses	Catalyst.
-----------------	-----------

1.3 Details of the supplier of the safety data sheet

behr Labor-Technik GmbH
Spangerstraße 8
40599 Düsseldorf
Germany

T: +49(0)211-74847-17

F: +49(0)211-74847-48

E-Mail: info@behr-Labor.de

Web: www.behr-labor.com

E-Mail (qualified person)	r.kox@behr-labor.de
---------------------------	---------------------

1.4 Emergency telephone number:

Information Centre Freiburg:	+49(0)76119240
------------------------------	----------------

SECTION 2: Hazards identification

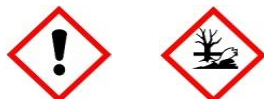
2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	kin Irrit. 2 - H315 Eye Irrit. 2 - H319
Environmental hazards	Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

2.2 Label elements

Pictogram



SAFETY DATA SHEET

Kjeldahl – Tablets KT3-500

Product number: B00727972

Date of creation: 01.10.2020

Signal word	Warning
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P273 Avoid release to the environment. 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. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P337+P313 If eye irritation persists: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage. P501 Dispose of contents/ container in accordance with national regulations.

2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Potassium sulphate **89,7%**

CAS-No.: 7778-80-5

EC number: 231-915-5

REACH registration number:
01-2119489441-34

Classification:
Not Classified

Copper Sulphate Pentahydrate **10,3%**

CAS-No.: 7758-99-8

EC number: 231-847-6

REACH registration number:
05-2114719065-53-0000

M factor (Acute) = 10

M factor (Chronic) = 1

Classification:
Acute Tox. 4 – H302
Skin Irrit. 2 – H315
Eye Irrit. 2 – H319
Aquatic acute 1 – H400
Aquatic Chronic 1 – H410

The full text for all hazard statements is displayed in Section 16.

SAFETY DATA SHEET

Kjeldahl – Tablets KT3-500

Product number: B00727972

Date of creation: 01.10.2020

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Consult a physician for specific advice.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
---------------------	---

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No data available
----------------------	-------------------

SECTION 5: Firefighting measure

5.1 Extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion Products	Oxides of: Copper. Sulphur.
-------------------------------	-----------------------------

5.3 Advice for firefighters

Protective actions during Firefighting	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
--	---

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid inhalation of dust and vapours. Provide adequate ventilation.
----------------------	---

6.2 Environmental precautions

Avoid discharge into drains. Avoid release to the environment.

SAFETY DATA SHEET

Kjeldahl – Tablets KT3-500

Product number: B00727972

Date of creation: 01.10.2020

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely.

6.4 Reference to other sections For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Usage precautions Avoid contact with skin and eyes. Avoid generation and spreading of dust. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool place.

7.3 Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1 Control parameters

Ingredient comments No exposure limits known for ingredient(s).

Ingredient comments **Copper Sulphate Pentahydrate (CAS: 7758-99-8)**
No exposure limits known for ingredient(s).

8.2 Exposure controls

Protective equipment



Appropriate engineering Controls Provide adequate ventilation.

Eye/face protection The following protection should be worn: Chemical splash goggles.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body Protection Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures Provide eyewash station. Wash hands after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn.

SAFETY DATA SHEET

Kjeldahl – Tablets KT3-500

Product number: B00727972

Date of creation: 01.10.2020

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Tablet
Colour	Blue speckled
Odour	Odourless.
Solubility(ies)	Soluble in water.

9.2 Other information Not available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity No data available.
- 10.2 Chemical stability No data available.
- 10.3 Possibility of hazardous reactions No data available.
- 10.4 Conditions to avoid Avoid contact with water.
- 10.5 Incompatible materials Powdered metal. Magnesium.
- 10.6 Hazardous decomposition products No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity - oral ATE oral (mg/kg)	4,854.37
Acute toxicity - dermal Acute toxicity dermal (LD ₅₀ mg/kg)	2.000,00

SECTION 12: Ecological Information

12.1 Toxicity

Toxicity	Very toxic to aquatic organisms.
Acute toxicity – fish	LC50, : 0.7 mg/l, Lepomis macrochirus (Bluegill) LC50, : 0.6 mg/l, Pimephales promelas (Fat-head Minnow) LC ₅₀ , 96 hours: 0.6 mg/l, Algae
Acute toxicity - aquatic invertebrates	LC ₅₀ , 96 hours: 0.6 mg/l, Algae EC ₅₀ , 48 hours: 0.024 mg/l, Daphnia magna

12.2 Persistence and degradability

There are no data on the degradability of this product.

SAFETY DATA SHEET

Kjeldahl – Tablets KT3-500

Product number: B00727972

Date of creation: 01.10.2020

12.3 Bioaccumulative potential

No data available on bioaccumulation.

12.4 Mobility in soi

No data available.

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1 UN number

UN No. (ADR/RID)	3077
UN No. (IMDG)	3077
UN No. (ICAO)	3077

14.2 UN proper shipping name

Proper shipping name (ADR/RID)	Environmentally Hazardous Substance, Solid, NOS, (contains Copper Sulphat Pentahydrate)
Proper shipping name (IMDG)	Environmentally Hazardous Substance, Solid, NOS, (contains Copper Sulphat Pentahydrate)
Proper shipping name (ICAO)	Environmentally Hazardous Substance, Solid, NOS, (contains Copper Sulphat Pentahydrate)
Proper shipping name (ADN)	Environmentally Hazardous Substance, Solid, NOS, (contains Copper Sulphat Pentahydrate)

14.3 Transport hazard class(es)

ADR/RID class	9
IMDG class	9
ICAO class/division	9

Transport labels



14.4 Packing group

ADR/RID	packing group III
IMDG	packing group III
ICAO	packing group III

SAFETY DATA SHEET

Kjeldahl – Tablets KT3-500

Product number: B00727972

Date of creation: 01.10.2020

14.5 Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6 Special precautions for user

Tunnel restriction code (E)

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Dangerous Preparations Directive 1999/45/EC.

15.2 Chemical safety assessment No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision date 09/07/2018

Hazard statements in full H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

The above information is only applicable to the described product and may not be valid in combination with other materials or applications. The information provided is according to the best of the companies knowledge, belief and present-day perspective. They do not constitute an assurance of the characteristics of the product described and do not constitute a legal contractual relationship. There is no warranty or guarantee of the accuracy, reliability or completeness of the information. It is the user's responsibility to check whether the suitability of this information for his specific application, is given.