



## SAFETY DATA SHEET

### Kjeltabs CT

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

##### 1.1. Product identifier

Product name Kjeltabs CT  
Product number AA20

##### 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

Supplier Thompson and Capper  
Hardwick Road  
Astmoor Industrial Estate  
Runcorn  
Cheshire  
WA7 1PH  
T:+44(0)1928 573734  
F:+44(0)1928 580694  
enquiries@thompsonandcapper.com

##### 1.4. Emergency telephone number

Emergency telephone +44(0)1928 573734 (0800 - 1700)

#### SECTION 2: Hazards identification

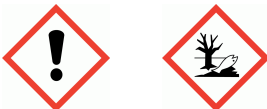
##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

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

##### 2.2. Label elements

###### Hazard pictograms



Signal word Warning

Hazard statements  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.

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<b>Precautionary statements</b>	<p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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### 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

<b>Potassium sulphate</b>	<b>94%</b>
CAS number: 7778-80-5	EC number: 231-915-5
	REACH registration number: 01-2119489441-34

**Classification**  
Not Classified

<b>Titanium dioxide</b>	<b>2.8%</b>
CAS number: 13463-67-7	EC number: 236-675-5
	REACH registration number: 01-2119489379-17

**Classification**  
Not Classified

<b>Copper Sulphate Pentahydrate</b>	<b>2.8%</b>
CAS number: 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  
Eye Dam. 1 - H318  
Aquatic Acute 1 - H400  
Aquatic Chronic 1 - H410

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.
<b>Skin contact</b>	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if any discomfort continues.

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**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. 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

**Inhalation** Irritation of nose, throat and airway.

**Ingestion** May cause stomach pain or vomiting. Diarrhoea.

**Skin contact** Skin irritation.

**Eye contact** Conjunctivitis, irritation, tearing.

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

**Notes for the doctor** No specific recommendations.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable 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: Sulphur.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** 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** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.

### 6.4. Reference to other sections

**Reference to other sections** See Section 11 for additional information on health hazards.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid handling which leads to dust formation. Avoid contact with skin and eyes.

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

**Storage precautions** Store in closed original container at temperatures between 15°C and 25°C. Keep container tightly closed.

### 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

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### 8.1. Control parameters

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

#### Copper Sulphate Pentahydrate (CAS: 7758-99-8)

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

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation.

**Eye/face protection**

Wear tight-fitting, chemical splash goggles or face shield.

**Hand protection**

It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex).

**Other skin and body protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene measures**

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

**Respiratory protection**

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

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Tablet
<b>Colour</b>	Blue.
<b>Odour</b>	Odourless.
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Relative density</b>	Not applicable.
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in the following materials: Sulphuric acid (H <sub>2</sub> SO <sub>4</sub> ).

### 9.2. Other information

**Other information** Not relevant.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

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**Possibility of hazardous reactions** Not determined.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Other health effects** There is no evidence that the product can cause cancer.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 17,857.14

#### Toxicological information on ingredients.

#### Titanium dioxide

**Inhalation** Dust may irritate the respiratory system.

#### Copper Sulphate Pentahydrate

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 2,000.0

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### Ecological information on ingredients.

#### Potassium sulphate

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 3550 mg/l, Fish

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 890 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: 2900 mg/l, Algae

#### Titanium dioxide

**Toxicity** Not considered toxic to fish.

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### Copper Sulphate Pentahydrate

<b>Toxicity</b>	Very toxic to aquatic organisms.
<b><u>Acute aquatic toxicity</u></b>	
<b>LE(C)<sub>50</sub></b>	0.01 < L(E)C <sub>50</sub> ≤ 0.1
<b>M factor (Acute)</b>	10
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , : 0.7 mg/l, Lepomis macrochirus (Bluegill) LC <sub>50</sub> , : 0.6 mg/l, Pimephales promelas (Fat-head Minnow) LC <sub>50</sub> , 96 hours: 0.6 mg/l, Fish
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 0.024 mg/l, Daphnia magna
<b><u>Chronic aquatic toxicity</u></b>	
<b>M factor (Chronic)</b>	1

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

### Ecological information on ingredients.

#### Potassium sulphate

**Persistence and degradability** There are no data on the degradability of this product.

#### Copper Sulphate Pentahydrate

**Persistence and degradability** There are no data on the degradability of this product.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product contains potentially bioaccumulating substances.

### Ecological information on ingredients.

#### Potassium sulphate

**Bioaccumulative potential** No data available on bioaccumulation.

#### Copper Sulphate Pentahydrate

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

**Mobility** The product is miscible with water and may spread in water systems.

### Ecological information on ingredients.

#### Potassium sulphate

**Mobility** The product is miscible with water and may spread in water systems.

#### Copper Sulphate Pentahydrate

**Mobility** No data available.

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### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### Ecological information on ingredients.

##### Potassium sulphate

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

##### Copper Sulphate Pentahydrate

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** Not determined.

#### Ecological information on ingredients.

##### Potassium sulphate

**Other adverse effects** Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Avoid the spillage or runoff entering drains, sewers or watercourses. Toxic to aquatic organisms. 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

<b>UN No. (ADR/RID)</b>	3077
<b>UN No. (IMDG)</b>	3077
<b>UN No. (ICAO)</b>	3077

### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** Environmentally Hazardous Substance, Solid, N.O.S. (contains Copper(II)Sulphate)

**Proper shipping name (IMDG)** Environmentally Hazardous Substance, Solid, N.O.S. (contains Copper(II)Sulphate)

**Proper shipping name (ICAO)** Environmentally Hazardous Substance, Solid, N.O.S. (contains Copper(II)Sulphate)

**Proper shipping name (ADN)** Environmentally Hazardous Substance, Solid, N.O.S. (contains Copper(II)Sulphate)

### 14.3. Transport hazard class(es)

**ADR/RID class** 9

#### Transport labels



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### 14.4. Packing group

IMDG packing group III

ICAO packing group III

### 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 Substances Directive 67/548/EEC.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Revision date** 18/11/2022

**Revision** 14

**Hazard statements in full** H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.