



## SAFETY DATA SHEET

### Kjeltabs KS

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

##### 1.1. Product identifier

Product name Kjeltabs KS

Product number AA47

##### 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 Not Classified

Environmental hazards Not Classified

##### 2.2. Label elements

Hazard statements NC Not Classified

##### 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

## Kjeltabs KS

<b>Potassium sulphate</b>		<b>99%</b>
CAS number: 7778-80-5	EC number: 231-915-5	REACH registration number: 01-2119489441-34
<b>Classification</b> Not Classified		
<b>SELENIUM</b>		<b>1.0%</b>
CAS number: 7782-49-2	EC number: 231-957-4	REACH registration number: 05-2114099336-39-000
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 3 - H331 STOT RE 2 - H373 Aquatic Chronic 4 - H413		

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 and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

#### 4.2. Most important symptoms and effects, both acute and delayed

<b>General information</b>	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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
-----------------------------	---

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
-------------------------------------	---

#### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Fire creates: Oxides of: Sulphur.

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses.
---	--

## Kjeltabs KS

**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** Avoid inhalation of dust.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains.

#### 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. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** No specific recommendations.

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

**Storage precautions** Keep container dry. 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

#### 8.1. Control parameters

##### Occupational exposure limits

##### SELENIUM

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

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

#### 8.2. Exposure controls

##### Protective equipment



##### **Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

##### **Hand protection**

Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber.

##### **Other skin and body protection**

Wear appropriate clothing to prevent repeated or prolonged skin contact. Wear a suitable dust mask.

##### **Hygiene measures**

Wash at the end of each work shift and before eating, smoking and using the toilet.

## Kjeltabs KS

**Respiratory protection**                      Respiratory protection may be required if excessive airborne contamination occurs.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Tablet
<b>Colour</b>	Grey.
<b>Odour</b>	Odourless.
<b>pH</b>	pH (concentrated solution): 5.5 - 7.5
<b>Melting point</b>	1069°C
<b>Initial boiling point and range</b>	1689°C @ 1013 hPa
<b>Solubility(ies)</b>	Soluble in water.

#### 9.2. Other information

**Other information**                      Not available.

### 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

**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**                      Not known.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**ATE oral (mg/kg)**                      10,000.0

##### Acute toxicity - inhalation

**ATE inhalation (dusts/mists mg/l)**                      50.0

#### Toxicological information on ingredients.

### SELENIUM

#### Acute toxicity - oral

## Kjeltabs KS

ATE oral (mg/kg)	100.0
<u>Acute toxicity - inhalation</u>	
ATE inhalation (dusts/mists mg/l)	0.5

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### 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

##### 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

#### SELENIUM

##### Acute aquatic toxicity

Acute toxicity - fish	LC <sub>50</sub> , 96 hours: 1 mg/l, Pimephales promelas (Fat-head Minnow) LC <sub>50</sub> , 96 hours: 1 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC <sub>50</sub> , 48 hours: 0.43 mg/l, Daphnia magna EC <sub>50</sub> , 48 hours: 0.43 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC <sub>50</sub> , 72 hours: > 100 mg/l, Selenastrum capricornutum IC <sub>50</sub> , 72 hours: 99 mg/l, Algae

#### 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.

#### SELENIUM

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

#### 12.3. Bioaccumulative potential

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

## Kjeltabs KS

### Ecological information on ingredients.

#### Potassium sulphate

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

#### SELENIUM

**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.

#### SELENIUM

**Mobility** No data available.

### 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.

#### SELENIUM

**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.

#### SELENIUM

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

## **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. Avoid the spillage or runoff entering drains, sewers or watercourses.

## Kjeltabs KS

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

Not applicable.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

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

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

### 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).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Revision date** 22/11/2022

**Revision** 10

**Hazard statements in full** H301 Toxic if swallowed.  
H331 Toxic if inhaled.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H413 May cause long lasting harmful effects to aquatic life.

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.