



# Indiflo K

## Material Safety Data Sheet

Issue: 01 - Jan 2021

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

**1.1 Product Identifier** Indiflo K

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

Relevant uses: Use as a professional use fertiliser.

**1.3. Details of the supplier of the safety data sheet**

Company: Indigrow Ltd, The Old Bakery, Hyde End Lane, Brimpton, Berkshire, RG7 4RH. UK.  
Phone: +44 (0) 1189 710 995  
Email: growth@indigrow.com

**1.4. Emergency telephone number** +44 (0) 7725 962 366

### SECTION 2: Hazards Identification

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

Classification according to Regulation (EC) No 1272/2008:

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC:

Not applicable.

Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

**2.2. Label elements**

There are no statutory labelling requirements under Directive 1999/45/EC, regulation 1272/2008 and regulation 453/2012.

**2.3. Other hazards**

Mixture not classed as PBT or vPvB.

### SECTION 3: Composition/Information on Ingredients

**3.1. Substances**

Potassium thiosulphate: 45-55%

CAS: 10294-66-3

EINECS: 233-666-8

Reg.nr.: 01-2119537328-0001

**3.2. Mixtures**

Non applicable

### SECTION 4: First-Aid Measures

**4.1. Description of first aid measures**

General information: No special measures required.  
After inhalation: Supply fresh air; consult doctor in case of complaints.  
After skin contact: Generally the product does not irritate the skin.  
After eye contact: Rinse opened eye for several minutes under running water.  
After swallowing: Rinse out mouth and then drink plenty of water.  
If symptoms persist consult doctor.

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

Information not available.



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

Information not available.

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## SECTION 5: Fire-Fighting Measures

### 5.1. Extinguishing media

Use fire extinguishing methods suitable to surrounding conditions.

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

In case of fire, the following can be released: Sulphur dioxide (SO<sub>2</sub>)

### 5.3. Advice for fire-fighters

Protective equipment: Mouth respiratory protective device.

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## SECTION 6: Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Not required.

### 6.2. Environmental precautions

Do not allow to enter sewers/surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 6.4. Reference to other sections

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling

No special measures required.

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

Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Do not store together with acids. Store away from foodstuffs.

Further information about storage conditions:

Protect from frost.

### 7.3. Specific end use(s)

No information available

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNEL	Potassium thiosulphate:	Oral	DNEL/DMEL	17 mg / kg bw / d (-)
		Inhalative	DNEL	133 mg/m <sup>3</sup> (hum)
PNEC	Potassium thiosulphate:	PNEC aqua	freshwater	1 mg/L

### 8.2. Exposure controls

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands: Preventive skin protection by use of skin-protecting agents is recommended.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

## SECTION 9: Physical and Chemical Properties

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

Appearance:	Solution
Colour:	Yellowish
Odour:	Odourless
pH-value at 25°C:	7.5 - 8.5
Boiling point/Boiling range:	~ 105°C
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Density at 20°C:	~ 1.50 g/cm <sup>3</sup>
Solubility in / Miscibility with water:	Fully miscible.
Viscosity - Dynamic at 25°C:	~ 3 mPas

### 9.2. Other information

No other relevant information available.

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

Non applicable.

### 10.2. Chemical stability

No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

Reacts with acids releasing sulphur dioxide.

### 10.4. Conditions to avoid

No further relevant information available.



### 10.5. Incompatible materials

No further relevant information available.

### 10.6. Hazardous decomposition products

Sulphur dioxide.

## SECTION 11: Toxicological Information

### 11.1. Information on toxicological effects

Acute toxicity: LD/LC50 values relevant for classification:  
Potassium thiosulphate: Oral LD50 > 2500 mg/kg (rat)  
Dermal LD50 > 2000 mg/kg (rabbit)  
Inhalative LC50/4 h > 2600 mg/m<sup>3</sup> (rat)

Primary irritant effect: on the skin: No irritant effect.  
on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 11.2. Other Information

None.

## SECTION 12: Ecological Information

### 12.1. Toxicity

PNEC stp 128 mg / L (-)

### 12.2. Persistence and degradability

No further relevant information available.

### 12.3. Bioaccumulative potential

No further relevant information available.

### 12.4. Mobility in soil

No further relevant information available.

### 12.5. Results of PBT and vPvB assessment

No further relevant information available.

### 12.6. Other adverse effects

No further relevant information available.

## SECTION 13: Disposal Considerations

### 13.1. Waste treatment methods

Recommendation: Subsequent information refers to the deliver goods not to used goods.  
European waste catalogue: 06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13  
Uncleaned packaging: Disposal must be made according to official regulations.  
Recommended cleansing agents: Water, if necessary together with cleansing agents.



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### SECTION 14: Transport Information

This product does not require a classification for transport (ADR/RID,IMDG,IATA)

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### SECTION 15: Regulatory Information

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

Not applicable.

#### 15.2. Chemical Safety Assessment

The supplier has not carried out evaluation of chemical safety.

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### 16. OTHER INFORMATION

The information contained herein relates only to the designated formulation and may not be valid if product is used in combination with other substances. The information is to the best of our knowledge, belief and understanding, true, accurate and reliable at the date of issue. However, the information may neither be exhaustive or complete, and no warranty, guarantee or liability concerning the accuracy or completeness of the information is expressed or implied. It is the user's risk and sole responsibility to verify and satisfy their own criteria and duty of care concerning the validity of the information in relation to their application of the product.

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