

## **1. Identification of the substance/preparation and of the company/undertaking**

### *Identification of the product*

Potassium sulfate

### *Manufacturer/supplier identification*

Company: Guangdong Guanghua Sci-Tech Co.,Ltd

Address: No.295 Daxue Road,Shantou

PostCode:515000

E-mail: [export@ghitech.com](mailto:export@ghitech.com)

Emergency telephone No.: +86-754-82515813.

Fax No.: +86-754-88221999

## **2. Hazards identification**

### **Classification of the substance or mixture**

**Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.**

### **Label elements**

Not a hazardous substance or mixture.

### Supplemental Hazard Statements

none

## **3. Composition/information on ingredients**

### *Synonyms*

Potassium sulfate

CAS-No.: 7778-80-5

M: 174.26 g/mol

Molecular formula: K<sub>2</sub>SO<sub>4</sub>

## **4. First aid measures**

### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

### **In case of skin contact**

Wash off with soap and plenty of water.

### **In case of eye contact**

Flush eyes with water as a precaution.

### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

## **5. Fire-fighting measures**

### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **Special hazards arising from the substance or mixture**

Sulphur oxides, Potassium oxides

### **Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

## **6. Accidental release measures**

### **Personal precautions**

Avoid dust formation. Avoid breathing vapours, mist or gas.

### **Environmental precautions**



**Density** : 2.66 g/cm<sup>3</sup>

**Bulk density**: not available

**Solubility in**

**water (20 °C)** : soluble in water

**diluted acids (20 °C)** : not available

**Thermal decomposition**: not available

## **10. Stability and reactivity**

**Chemical stability**

no data available

**Conditions to avoid**

no data available

**Materials to avoid**

Strong oxidizing agents

**Hazardous decomposition products**

Other decomposition products - no data available

## **11. Toxicological information**

**Acute toxicity**

LD50 Oral - Rat - 6.600 mg/kg

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

## **12. Ecological information**

**Toxicity**

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 680 mg/l - 96 h

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

## **PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## **Other adverse effects**

no data available

## **13. Disposal considerations**

### **Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

### **Contaminated packaging**

Dispose of as unused product.

## **14. Transport information**

### **ADR/RID**

UN-Number: - Class: - Packing group: -  
Proper shipping name: Not dangerous goods

### **IMDG**

UN-Number: - Class: - Packing group: -  
Proper shipping name: Not dangerous goods  
Marine pollutant: no

### **IATA**

UN-Number: - Class: - Packing group: -  
Proper shipping name: Not dangerous goods

## **15. Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## **16. Other information**

General update.

*Regional representation:*

This information is given on the authorised Safety Data Sheet for your country.