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# **GHS Safety Data Sheet**

SDS No.: KKH01XAEG Date Issued: 2016/05/27

## Section 1. Identification of the substance or mixture and of the supplier

### 1.1 Product Information

## Product name: KCl Potassium chloride, anhydrous

Product number:	Purity	Form	Size (mm) or Shape
KKH05XB	2N(99%)up	Solid	_
KKH22XB	4N(99.99%)	Solid	_

#### 1.2 Company Information:

Manufacturer: Kojundo Chemical Laboratory Co., Ltd.

1-28, 5-chome, Chiyoda, Sakado-shi, Saitama Japan 350-0284

Phone: +81-49-284-1511 Fax: +81-49-284-1351

Emergency Phone: +81-49-284-1511

#### Section 2. Hazards identification

#### **GHS** Classification

Health Hazards	Environmental Hazards	Physical Hazards
No data available	No data available	Flammable solids: Not classified Pyrophoric solids: Not classified Self-heating substances and mixtures: Not classified Substances and mixtures which, in contact with water, emit flammable gases: Not classified

### GHS Label:

Pictograms or symbols Not applicable

Warning word:	Not applicable	
Hazard information  Not applicable		Description of precaution  Wear protective gloves/protective clothing/eye protection/respiratory protection/face protection during handling.
		Avoid release to the environment and collect spillage.  Protect from sunlight. Store in a cool, dry and well-ventilated place. Keep container tightly closed.

#### Additional hazard information:

With respect to additional hazard information, see Section 11.

## Section 3. Composition / information on ingredients

Chemical or common name: Potassium chloride

Chemical formula: KCl

Single Substance or Compound: Single substance

Composition: 100%

CAS #: 7447-40-7

RTECS#: TS8050000

TSCA inventory: listed

EINECS: 1312118

## Section 4. First aid measures

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to

rinse for at least 15 minutes and get medical attention.

Skin contact: Promptly flush contaminated skin with soap or mild detergent and water.

Contact physician if irritation continues.

Inhalation: Remove the exposed person immediately and provide fresh air.

Get medical attention.

Ingestion: Rinse mouth and throat with water. Get medical attention immediately.

### Section 5. Fire fighting measures

Extinguishing media: Use media appropriate for surrounding fire.

Fire fighting The product cannot catch fire.

Self-contained breathing apparatus and full protective clothing should be used,

if the material is involved in fire.

#### Section 6. Accidental release measures

Personal Precautions: Workers should use protective wears to prevent contact with the spilt adhesive

and inhalation of its vapor/dusts.

Environmental hazard precautions:

Shut off leak if without risk.

Prevent flow out to river, etc. so as not to badly affect.

Method for containment and cleaning up:

Indoor leakage: Ventilate as much as possible until the cleaning is completed. Outdoor leakage: Work from the windward and evacuate the leeward crowd.

Gather up, pack in closed DOT-approved waste container as much as possible.

Carefully collect remnant and move to a safe place

## Section 7. Handling and storage

#### Precautions to be taken in handling:

Safe handling: Use protective wears and local ventilation equipment, if inhalation or skin

contact is foreseen.

Avoid prolonged or repeated exposure.

#### Precautions to be taken in storage:

General precautions: Store the material in a sealed container.

Store in a cool, dry, well ventilated and dark place away from incompatible

materials.

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## Section 8. Exposure controls / personal protection

Exposure guideline: ACGIH (2013): No data available

OSHA (2006): No data available

Facility measures: Local ventilation of closed work room or total proper ventilation to prevent

inhalation.

Protective ware: Wear appropriate NIOSH/MSHA-approved respirator, safety goggles,

impervious gloves, protective wear, protective boots.

## Section 9. Physical and chemical properties

Color and Form: Colorless solid

Chemical formula: KCl
Formula weight: 74.6
Melting point: 770 °C

Boiling point: 1500°C (sublimes)

Density: 1.988g/cm<sup>3</sup>
Solubility in water: Soluble

Flammability: non-flammable substance

Oxidation: None

## Section 10. Stability and reactivity

Stability: Stable when stored in sealed container at room temperature. Hygroscopic.

Reactivity

Incompatibility: Strong oxidizing agents, Strong acids.

Hazardous decomposition products.: Chlorine, hydrogen chloride.

## Section 11. Toxicological information

Acute toxicity: GHS: No data available.

KCl oral rat LD50 = 2600mg/kg (RTECS)

Skin corrosive / irritation: GHS: No data available.

Serious eyes damage / eye irritation: GHS: No data available.

KCl· eye rabbit irritation 500 mg/24hr mild (RTECS)

Respiratory sensitization:

GHS: No data available.

Skin sensitization:

GHS: No data available.

Specific target organ toxicity

GHS: No data available.

-single exposure:

-repeated exposure: GHS: No data available.

Aspiration hazard: GHS; No data available

Other cautions: Mechanical stimulation by dust affects eyes, skin and respiratory system.

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## Section 12. Ecological information

Ecotoxicity:

Hazards to the aquatic environment

-acute toxicity: GHS: No data available

Pimephales promelas LC50(96hr) = 880 mg/L

Daphnia magna LC50(48hr) = 177 mg/L (OECD SIDS)

-chronic toxicity: GHS: No data available
Hazrdous the ozone layer: GHS; No data available

No Freon or Halon

Fish toxicity: see above

Degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

## Section 13. Disposal considerations

Disposal method: User of the product should contract with the local government or licensed

'Industrial Waste Haulers' for disposal of waste.

## Section 14. Transport information

UN classification: Non-hazards

UN number: None
HS code: 3104.20
Marine pollution: None

Precautions: Container should be transported in a secure position, in a well-ventilated vehicle.

### Section 15. Regulatory information

TSCA inventory: listed.

Please refer to any other local / national measures that may be relevant.

#### Section 16. Other information

The information described above is believed to be correct. However, Kojundo Chemical Lab. makes no representation, warranty nor guarantee of any kind with respect to the information on this data sheet or any use of the product based upon this information.