

**1 Identification of the substances/ mixture and of the company/ undertaking****1.1 Product Identifiers**

Product Number CMS210  
Product Name Kanamycin acid sulphate  
CAS No. : 64013-70-3

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

**1.2.1** Relevant identified uses Laboratory chemicals, Manufacture of substances

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

Produced by HiMedia Laboratories Private Limited  
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Mail Id [info@himedialabs.com](mailto:info@himedialabs.com) Website : www.himedialabs.com

**1.4 Emergency Tel. No.**

Emergency Tel. No. Please contact the regional HiMedia representation in your country

**2 Hazards Identification****2.1 Classification of the substance or mixture**

**CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]**

Reproductive toxicity, (Category 1B), H360D

**2.2 Label elements**

**Labeling according to Regulation (EC) No.1272/2008**



Pictogram

Signal word Danger

Hazard Statement(s)

H360 May damage fertility or the unborn child

Precautionary Statement(s)

P201 Obtain special instructions before use.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

**2.3 Other Hazards**

none

**3 Composition/Information On Ingredients****3.1 Substances**

CAS No. : 64013-70-3

| Component               | Classification   | Concentration |
|-------------------------|--|---------------|
| Kanamycin acid sulphate |  |               |
| CAS No. : 64013-70-3    | <b>As Per EC Regulation 1272/2008</b><br>Repr.Tox. 1A, 1B H360 | 100%          |

For the full text of the H-Statements and classification mentioned in this Section, see Section 16

#### 4 First Aid Measures

##### 4.1 Description of first aid measures

###### **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

###### **If inhaled**

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

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

Wash with plenty of soap and water. Consult a physician.

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

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

###### **If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

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

No data available

#### 5 Fire Fighting Measures

##### 5.1 Extinguishing media

###### **Suitable extinguishing media**

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

###### **Unsuitable extinguishing media**

No data available.

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

Nature of decomposition products unknown

##### 5.3 Precautions for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary

##### 5.4 Further information

No data available

#### 6 Accidental Release Measures

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

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

#### **6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into environment must be avoided.

#### **6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

#### **6.4 Reference to other sections**

For disposal see Section 13.

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### **7 Handling and Storage**

#### **7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**Recommended Storage Temperature** : Below 30°C

#### **7.3 Specific end uses**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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### **8 Exposure Controls/Personal Protection**

#### **8.1 Control parameters**

Components with workplace control parameters

#### **8.2 Exposure controls**

##### ***Appropriate engineering controls***

Handle in accordance to general industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

##### ***Personal protective equipment***

##### ***Hygiene measure***

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.

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

Faceshield and safety goggles.

##### ***Skin protection***

Handle with gloves.

##### ***Body protection***

Complete suit protecting against chemicals.

##### ***Respiratory protection***

Air-purifying respirators.

##### ***Environment exposure controls***

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## **9 Physical and chemical properties**

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

|  |  |
|--|--|
| Appearance                                   | White to almost white hygroscopic powder |
| Odour  | No data available                        |
| Odour Threshold                              | No data available                        |
| pH   | No data available                        |
| Melting/freezing point                       | No data available                        |
| Initial boiling point and boiling range      | No data available                        |
| Flash point                                  | No data available                        |
| Upper/lower flammability or explosive limits | No data available                        |
| Evaporation rate                             | No data available                        |
| Flammability (Solid, gas)                    | No data available                        |
| Vapour pressure                              | No data available                        |
| Relative density                             | No data available                        |
| Water Solubility                             | No data available                        |
| Partition coefficient: n-octanol/water       | No data available                        |
| Autoignition Temperature                     | No data available                        |
| Decomposition Temperature                    | No data available                        |
| Viscosity                                    | No data available                        |
| Explosive properties                         | No data available                        |
| Oxidizing properties                         | No data available                        |
| Vapour density                               | No data available                        |
| Thermal decomposition                        | No data available                        |

### **9.2 Other safety information**

No data available

## **10 Stability and Reactivity**

### **10.1 Reactivity**

No data available

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

No data available

### **10.4 Conditions to avoid**

Incompatible material

### **10.5 Incompatible materials**

Strong oxidizing agents

### **10.6 Hazardous decomposition products**

Other decomposition products - refer section 5.2.

In the event of fire - refer section 5.

**11 Toxicological Information**  
**11.1 Information on toxicological effects**

***Acute toxicity***

No data available

***Skin corrosion/irritation***

No data available

***Serious eye damage/eye irritation***

No data available

***Respiratory or skin sensitisation***

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.

***Reproductive toxicity***

No data available

***Specific target organ toxicity- single exposure***

No data available

***Specific target organ toxicity - repeated exposure***

No data available

***Aspiration hazard***

No data available

***Additional Information***

RTECS : Not available

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**12 Ecological Information**

**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 PBT and vPvB assessment**

PBT and vPvB assessment not available Chemical safety assessment is not required

**12.6 Other adverse effects**

Discharge into the environment must be avoided.

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**13 Disposal Considerations**

**13.1 Waste treatments methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustive solvent and burn in chemical incinerator equipped with an afterburner and scrubber.

### 13.2 Contaminated packaging

Dispose of as unused product.

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## 14 Transport Information

### 14.1 UN-No

ADNR : ADR : IATA\_C : IATA\_P : IMDG : RID :

### 14.2 UN proper shipping name

ADNR : Not dangerous goods  
ADR : Not dangerous goods  
IATA\_C : Not dangerous goods  
IATA\_P : Not dangerous goods  
IMDG : Not dangerous goods  
RID : Not dangerous goods

### 14.3 Transport hazard class(es)

ADNR : - ADR : - IATA\_C : - IATA\_P : - IMDG : - RID : -

### 14.4 Packaging group

ADNR :- ADR :- IATA\_C :- IATA\_P :- IMDG :- RID :-

### 14.5 Environmental hazards

ADNR : No ADR : No IMDG : Marine Pollutant : No IATA\_C : No IATA\_P : No RID : No

### 14.6 Special precautions for use

No data available

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## 15 Regulatory Information

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

### 15.1 Safety health and environment regulations/legislation specific for the substance or mixture

No data available

### 15.2 Chemical Safety Assessment

No data available

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## 16 Other information

Text of H-Statements and EUH-Phrases mentioned in section 3

H360 May damage fertility or the unborn child  
Repr.Tox. 1A, 1B Reproductive toxicity, Category 1A, 1B

### Further Information

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