



Serving Scientific Community  
Since 1985



**TECHNO PHARMCHEM**

An ISO 9001 : 2008 Certified Company

Registered Off. : 101-A, Deep Enclave, Pocket 'D', Ashok Vihar, Phase-III, Delhi-110 052 (India)  
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)  
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)  
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com  
Website : www.technopharmchem.com

## QUARTZ MATERIAL SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product form : Substance  
EC No : 238-878-4  
CAS-No. : 14808-60-7  
Product code : 31411

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

##### 1.2.1. Relevant identified uses

Industrial/professional use spec : Industrial  
For professional use only :  
Use of the substance/mixture : Laboratory Reagent

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the manufacturer of the safety data sheet

Techno Pharmchem  
Plot No.1022, Modern Industrial Estate,  
Bahadurgarh-124507, India  
T +91 11 23646422  
info@technopharmchem.com

#### 1.4. Emergency telephone number

Emergency number: +91 11 23646422 (9:30am – 5.30pm)

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification according to regulation (EC) No. 1272/2008 [CLP]

Specific target organ H373

toxicity - Repeated  
exposure, Category 2

Full text of classification categories and H statements: see section 16

Classification according to directive 67/548/EEC or 1999/45/EC

Xn; R48/20

Full text of R-phrases: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

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## 2.2. Label elements

Labelling according to regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP) : Warning  
Hazard statements (CLP) : H373 – May cause damage to organs through prolonged or repeated exposure

## 2.3. Other hazards

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Name : QUARTZ  
CAS-No. : 14808-60-7  
EC No. : 238-878-4

Full text of R- and H-phrases: see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. If you feel unwell. Seek medical advice  
First-aid measures after skin contact : Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Rinse mouth out of water. If you feel unwell, seek medical advice

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

Symptoms/injuries : May cause damage to organs through prolonged or repeated exposure.

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

Treat symptomatically.



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## SECTION 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media : Do not use a heavy water stream.

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

No additional information available

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

Emergency procedures : Stop release.

### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Clear up rapidly by scoop or vacuum

### 6.4. Reference to other sections

No additional information available

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing dust/fume/gas/mist/vapours/spray.  
Use only outdoors or in a well ventilated area.

Hygiene measures : Wash...thoroughly after handling.

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

Storage conditions : Keep container tightly closed.Store in original container.Store in a dry place.

### 7.3. Specific end use(s)

No additional information available

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

No additional information available

### 8.2. Exposure controls

|                          |   |                                    |
|--------------------------|---|------------------------------------|
| Hand protection          | : | Protective gloves                  |
| Eye protection           | : | Chemical goggles or safety glasses |
| Skin and body protection | : | Wear suitable protective clothing  |
| Respiratory protection   | : | Wear respiratory protection.       |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

|  |   |                           |
|--|---|---------------------------|
| Physical state                             | : | Solid                     |
| Colour                                     | : | White granules            |
| Odour                                      | : | Odourless                 |
| Odour threshold                            | : | No data available         |
| pH   | : | No data available         |
| Relative evaporation rate (butylacetate=1) | : | No data available         |
| Melting Point                              | : | 1610°C                    |
| Freezing point                             | : | No data available         |
| Boiling point                              | : | 2200°C                    |
| Flash point                                | : | No data available         |
| Auto-ignition temperature                  | : | 370°C                     |
| Decomposition temperature                  | : | No data available         |
| Flammability (Solid,gas)                   | : | No data available         |
| Vapour pressure                            | : | No data available         |
| Relative vapour density at 20°C            | : | No data available         |
| Relative density                           | : | No data available         |
| Density                                    | : | 2.6 g/cm <sup>3</sup>     |
| Solubility                                 | : | Water: Insoluble in water |
| Log pow                                    | : | No data available         |
| Viscosity, kinematic                       | : | No data available         |
| Viscosity, dynamic                         | : | No data available         |
| Explosive properties                       | : | No data available         |
| Oxidising properties                       | : | No data available         |
| Explosive limits                           | : | No data available         |

### 9.2. Other Information

No additional information available

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No additional information available

### 10.2. Chemical Stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Direct sunlight. Air contact. Moisture

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

|   |   |   |
|---|---|---|
| Acute toxicity  | : | Not classified  |
| Skin corrosion/irritation                             | : | Not classified  |
| Serious eye damage/irritation                         | : | Not classified  |
| Respiratory or skin sensitization                     | : | Not classified  |
| Germ cell mutagenicity                                | : | Not classified  |
| Carcinogenicity                                       | : | Not classified  |
| Reproductive toxicity                                 | : | Not classified  |
| Specific target organ toxicity<br>(single exposure)   | : | Not classified  |
| Specific target organ toxicity<br>(repeated exposure) | : | May cause damage to organs through prolonged or<br>repeated exposure. |
| Aspiration hazard                                     | : | Not classified  |

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

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#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Product/packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1. UN Number

ADR/RID: - IMDG: - IATA: -

#### 14.2. UN proper shipping name

ADR/RID : Not dangerous goods  
IMDG : Not dangerous goods  
IATA : Not dangerous goods

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

ADR/RID: - IMDG: - IATA: -

#### 14.4. Packaging group

ADR/RID: - IMDG: - IATA: -

#### 14.5. Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

#### 14.6. Special precautions for user

No data available

### SECTION 15: REGULATORY INFORMATION

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

Ensure all local, regional, national and/or international regulations are observed.

#### 15.2 Chemical safety Assessment

For this product a chemical safety assessment was not carried out.

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## **SECTION 16: OTHER INFORMATION**

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