

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

**1.1 Product identifiers**

Product name : **Quartz**

CAS-No. : 14808-60-7

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

Identified uses : Laboratory chemicals, Industrial & for professional use only.

**1.3 Details Of The Supplier Of The Safety Data Sheet**

Supplier (Manufacturer)	<b>M/s. SEBRA EXIM PVT.LTD</b>
Address	Flat no 510,Empire meadows,Violet block,Survey no 166, Ameenpur,Hyderabad-502032
Company E-mail	<a href="mailto:info@sepraexim.com">info@sepraexim.com</a>
Company Web Page	<a href="http://www.sepraexim.com">www.sepraexim.com</a>
<b>1.4 Emergency Telephone Number</b>	
Company Emergency	+ 91 8074189414

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
 Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

**2.2 Label elements**

This substance is not classified as dangerous according to Directive 67/548/EEC.

**2.3 Other hazards - none**

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Synonyms : Silica  
 Quartz Powder ,Quartz Sand  
 Cristobalite  
 Formula : O<sub>2</sub>Si  
 Molecular Weight : 60,08 g/mol  
 CAS-No. : 14808-60-7  
 EC-No. : 238-878-4

No components need to be disclosed according to the applicable regulations.

## ***SECTION 4: First aid measures***

### **4.1 Description of 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.

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

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

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

no data available

## ***SECTION 5: Firefighting measures***

### **5.1 Extinguishing media Suitable**

#### **extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

Nature of decomposition products not known.

### **5.3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

### **5.4 Further information**

The product itself does not burn.

## ***SECTION 6: Accidental release measures***

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

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

### **6.2 Environmental precautions**

Do not let product enter drains.

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

Sweep up and shovel. Keep in suitable, closed containers for disposal.

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

For disposal see section 13.

## ***SECTION 7: Handling and storage***

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

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.

**7.3 Specific end use(s)**

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

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Components with workplace control parameters**

**8.2 Exposure controls**

**Appropriate engineering controls**

General industrial hygiene practice.

**Personal protective**

**equipment Eye/face**

**protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Do not let product enter drains.

**SECTION 9: Physical and chemical properties**

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

- |  |                               |
|--|-------------------------------|
| a) Appearance                              | Form: powder                  |
| b) Odour                                   | no data available             |
| c) Odour Threshold                         | no data available             |
| d) pH                                      | Melting point/range: 1.610 °C |
| e) Melting point/freezing point            | no data available             |
| f) Initial boiling point and boiling range | no data available             |

- |   |                   |
|---|-------------------|
| g) Flash point                                  |                   |
| no data available                               |                   |
| h) Evaporation rate                             | no data available |
| i) Flammability (solid, gas)                    | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure                              | no data available |
| l) Vapour density                               | 2,6 g/mL at 25 °C |
| m) Relative density                             | no data available |
| n) Water solubility                             | no data available |
| o) Partition coefficient: n- octanol/water      | no data available |
| p) Auto-ignition temperature                    | no data available |
| q) Decomposition temperature                    | no data available |
| r) Viscosity                                    | no data available |
| s) Explosive properties                         | no data available |
| t) Oxidizing properties                         |                   |

**9.2 Other safety information**  
 no data available

**SECTION 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**  
 no data available

**10.5 Incompatible materials**  
 Strong oxidizing agents

**10.6 Hazardous decomposition products**  
 Other decomposition products - no data available In the event of fire: see section 5

**SECTION 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: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Silicon dioxide)

***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: VV7330000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

***SECTION 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 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Other adverse effects**

no data available

***SECTION 13: Disposal considerations***

**13.1 Waste treatment methods Product**

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

***Contaminated packaging***

Dispose of as unused product.

**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**

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

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

no data available

### **15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

## **SECTION 16: OTHER INFORMATION**

Explanations of R-phrases in section 2

R22 -- Harmful if swallowed

R23/24/25 -- Toxic by inhalation, in contact with skin and if swallowed

R33 -- Danger of cumulative effects

R36/38 -- Irritating to eyes and skin

R38 -- Irritating to skin

R41 -- Risk of serious damage to eye

R51/53 -- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R50/53 -- Very toxic to aquatic organisms, may cause long-term adverse effects in aquatic environment

R52/53 -- Harmful to aquatic organisms, may cause long-term adverse effects in aquatic environment

R62 -- Possible risk of impaired fertility

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