

青岛弗兰克精细化工有限公司  
QINGDAO FRANK FINE CHEMICAL INDUSTRY CO., LTD.  
SHANGMA INDUSTRY DIVISION, CHENGYANG DISTRICT, QINGDAO  
CHINA  
Tel: 0532-87013088 Fax: 0532-87013098

## SAFETY DATA SHEET

Trade name: QING DAO FRANK FINE CHEMICAL INDUSTRY CO.,LTD.

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

Identification of the substance or preparation

Date: 05/15/2012  
Issued by: Qing Dao Frank Fine Chemical Industry Co.,Ltd  
Trade name: Qing Dao Frank Fine Chemical Industry Co.,Ltd.  
Post address: Shangma Indusy Division , Chengyang District  
Place: Qingdao, China  
Telephone: 86-532-87013088  
Fax: 86-532-87013097  
Emergency Phone Num: 86-532-87013098

### 2. Composition/information or ingredients

Chemical characterization: desiccant  
Chemical Name: silicate oxide  
Chemical Formula:  $m\text{SiO}_2 \cdot n\text{H}_2\text{O}$   
Description: SILICA Dark Blue colored  
Dangerous substance: Not present  
CAS No. 1343-98-2  
UN-identification No.(Hs-code) 281122

### 3. Hazards identification

Specific hazards for humans and environment

The product is very absorbent and may have a drying effect in skin and eyes. In contact with water heat development but burning of the skin and mucous membrane is impossible.

### 4. First-aid measures

After inhalation: Fresh air  
After skin contact: Wash with water  
After eye contact: Flush with water

### 5. Fire-fighting measures

Suitable extinguishing media This material will not burn  
Use media appropriate for surrounding fire

### 6. Accidental release measures

Personal precautions Respiratory protection, eye protection  
Methods for cleaning up Sweep the spill area, avoid rising dust

### 7. Handling and storage

Precautions for safe handling

Handling in air tight container  
Moisture-proof and water-proof  
Not fired and explosion

Measures to prevent fire-and explosion

### 8.exposure controls

General

see7

Exposure limits

CAS No. Substance kind OEL(Occupational Exposure Limit)

	<i>Mg/m<sup>3</sup></i>	
Silica gel	Spherical	10

Personal protection

Respiratory protection

( × ) When exceeding the “OEL”

Hand protection

( × )

### 9. Physical and chemical properties

Appearance Dark Blue colored

Odor odorless

Volatility: not applicable

Boiling point not applicable

Molting point 1708-17180C

Flash point not applicable

Solubility: insoluble

**10.stability and reactivity** The product is stable and inert

**11.toxicological information** Non-toxic

### 12.ecological information

silica gel chemically and biological inert

### 13.Disposal considerations

landfill according to federal, state and local regulations

**14.transport information** not dangerous goods according to the transport regulations

### 15.regulatory information

Silica gel is not a dangerous substance according to EEC(European Economic Community) Council Directive 67/548/EC (Classification, packing and labeling of Dangerous Substances) as last amended

### 16.Other information

The applicable regulations and industrial hygiene standards have to be considered

The data is based on the present state of knowledge and experience, without a claim being made for completeness.

The Safety Data Sheet serves to describe the product only with regard to the safety requirement. These data do not constitute a specification.