

SAFETY DATA SHEET
SILICA GEL WHITE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME SILICA GEL WHITE
SUPPLIER

EMERGENCY TELEPHONE

2 HAZARDS IDENTIFICATION

Irritating to eyes.

CLASSIFICATION Xi;R36.

3 COMPOSITION/INFORMATION ON INGREDIENTS

EC No. 231-545-4

GROSS FORMULA SiO₂

CAS-No. 7631-86-9

COMPOSITION COMMENTS

Active ingredient: 95-100%.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

INGESTION

Rinse mouth thoroughly. Drink plenty of water. Get medical attention if symptoms appear.

SKIN CONTACT

Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation persists after washing.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust.

SPILL CLEAN UP METHODS

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid the formation of dust. Dampen spillage with water if necessary.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid inhalation of dust. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Wear suitable respiratory protection.

HAND PROTECTION

Wear protective gloves.

EYE PROTECTION

No specific eye protection noted, but may be required anyway.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Granules or beads.
COLOUR	White
ODOUR	Odourless
SOLUBILITY	Not soluble in water.
DECOMPOSITION TEMPERATURE (°C)	>1600

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Water, steam, water mixtures.

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >5000 mg/kg (oral rat)

INHALATION

Dust may irritate respiratory system or lungs. May have long term dust effects.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

May cause skin irritation.

EYE CONTACT
May irritate eyes.

12 ECOLOGICAL INFORMATION

LC 50, 96 Hrs, FISH mg/l >10000
EC 50, 48 Hrs, DAPHNIA, mg/l >10000

MOBILITY

Not considered mobile.

DEGRADABILITY

The product is not biodegradable.

ACUTE FISH TOXICITY

Not considered toxic to fish.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

This material and its container must be disposed of in a safe way.

DISPOSAL METHODS

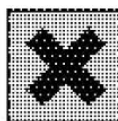
This material and its container must be disposed of in an approved landfill site in accordance with Local and/or National Waste Disposal Regulations, to prevent a dust hazard.

14 TRANSPORT INFORMATION

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R36 Irritating to eyes.

SAFETY PHRASES

S22 Do not breathe dust.

S24 Avoid contact with skin.

16 OTHER INFORMATION

GENERAL INFORMATION

The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product.

ISSUED BY

K. Jones.

DATE

27/06/2008

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.