

Infosafe No™ VARBD	Issue Date : July 2016	ISSUED by HUNTER
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 Product Name **SHINE POWDER**

1. Identification

GHS Product Identifier SHINE POWDER

Company Name Hunter Industrials Pty Ltd (ABN 083 330 974)

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Vic 3195 Australia

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E-mail Address sales@huntind.com.au

Recommended use of the chemical and restrictions on use Chlorinated fine abrasive powder for cleaning porcelain ware, floors, terrazzo, glazed bricks, marble and similar surfaces.

2. Hazard Identification

GHS classification of the substance/mixture Carcinogenicity category 1B
STOT Repeated Exposure: Category 2

Signal Word (s) DANGER

Hazard Statement (s) H350 May cause cancer .
H373 May cause damage to organs through prolonged or repeated exposure .

Precautionary statement – General P102 Keep out of reach of children.
P103 Read label before use.

Pictogram (s) Health hazard



Precautionary statement – Prevention P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P281 Use personal protective equipment as required.

Precautionary statement – Response P308+P313 IF exposed or concerned: Get medical advice/attention.
P314 Get medical advice/attention if you feel unwell.

Precautionary statement – Storage P405 Store locked up.

Precautionary statement – Disposal P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Silica (crystalline-quartz)	14808-60-7	60-100 %
	Non hazardous surfactants	Mixture	0-10 %
	Sodium dichloroisocyanurate, dihydrate	51580-86-0	<2%
	Ingredients determined not to be hazardous		to 100%

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4. First-aid measures

Inhalation	Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.
Ingestion	If swallowed, do NOT induce vomiting. Give a glass of water to be taken slowly. If irritation develops or persists transport to hospital or doctor.
Skin	If dust falls onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.
Eye contact	If dust enters the eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation develops or persists, immediately transport to hospital or doctor.
First Aid Facilities	Recommended: Eye wash. Hand wash basin.
Advice to Doctor	Product contains a very high proportion of powdered crystalline silica (quartz), and a low proportion of a surfactant. If swallowed, vomiting should not have been induced because of the risk of aspiration of froth containing silica powder into the lungs. Risk of mechanical damage if in eyes. Treat symptomatically. Contact Poisons Information Centre.
Other Information	Inhalation of dusts may represent a serious acute risk to persons with a compromised respiratory system. The harmful effects of breathing silica dusts may be enhanced by smoking.

5. Fire-fighting measures

Suitable extinguishing media	Water, or as for other chemicals present.
Hazards from Combustion Products	Decomposes on heating emitting soot, smoke and decomposition products.
Specific Methods	In case of small fire/explosion use water. In case of major emergency use PPE: breathing apparatus and protective gloves.
Specific hazards arising from the chemical	This material is not a combustible or flammable solid. However, under certain conditions this material, if sufficiently distributed in air and a suitable source of ignition is present, may cause a dust explosion.

6. Accidental release measures

Spills & Disposal	Avoid generating dusts. Wear suitable protective equipment. Ventilate area. If possible wet area down to prevent high dust levels. If available, use dustless methods, such as a HEPA vacuum and filter. Otherwise, use a non-sparking shovel and place into a suitably labeled container for later disposal. Do not dry sweep.
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7. Handling and storage

Precautions for Safe Handling	Do not generate dusts. Avoid contact with skin and eyes. Keep away from acids.
Conditions for safe storage, including any incompatibilities	Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

8. Exposure controls/personal protection

Occupational exposure limit values	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Silica (crystalline-quartz)			0.2		
Appropriate engineering controls	Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV/TWA. This is preferably achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection					

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should be employed.

Personal Protective Equipment Avoid contact with skin and eyes. Do not breathe dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:-

- Chemical goggles
- Gloves, rubber or plastic.
- Full face respirator with dust filters fitted or suitable dust mask

Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.

9. Physical and chemical properties

Form	Solid
Appearance	Fine white free flowing powder
Odour	Faint floral fragrance
Melting Point	No data.
Solubility in Water	Largely insoluble
Specific Gravity	2.7 (bulk density)
pH	Not applicable
Vapour Pressure	None
Flash Point	None.
Flammability	Not flammable.
Other Information	May react vigorously with strong mineral acids, generating a small quantity of chlorine, a toxic gas. Slowly soluble in concentrated caustic alkalis. May react with strong oxidising agents. May absorb moisture from the air. Spillages will be slippery when wet.

10. Stability and reactivity

Chemical Stability	Stable under normal use conditons.
Conditions to Avoid	Incompatible materials, moist air. Heating may dry out this product, which may then generate harmful dust.
Incompatible Materials	Acids, oxidising agents, caustic alkalis.
Hazardous Decomposition Products	Decomposes on heating emitting soot, smoke and decomposition products.
Possibility of hazardous reactions	Contact with acids may generate chlorine.

11. Toxicological Information

Acute Toxicity - Inhalation	Silica, crystalline quartz 300 µg/m ³ /10 years, human - liver changes, death. Silica, crystalline quartz 16 million particles per cubic foot/8 hours/17.9 years, human - fibrosis, focal (pneumoconiosis), cough, shortness of breath/laboured breathing.
Ingestion	May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.
Inhalation	This product is not expected to be a dust risk under normal use. It may become a dust risk if heated, or allowed to dry out. Inhalation of dusts may cause coughing, irritation of the throat and difficulty breathing. The harmful effects may be enhanced by smoking. Overwhelming inhalation exposure to silica dust has cause acute pneumoconiosis (fibrosis and scarring of the lungs). Aspiration of silica-containing froth into the lungs during swallowing or vomiting may cause serious injury to lung tissues.

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Skin	May cause irritation to the skin, with effects including; Redness and itchiness.
Eye	May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.
Chronic Effects	Exposure to respirable crystalline quartz may cause delayed (chronic) lung disease known as silicosis; Acute or rapidly developing silicosis may occur in a period of time in heavy exposure in certain occupations such as sandblasting, however, this can be minimized if (a) Proper ventilation is employed and (b) in the absence of ventilation a suitable respirator is used. An (IARC) Working Group reported that there is sufficient evidence for the classification of crystalline silica as a Confirmed Human Carcinogen (Group I) (IARC, 1997,V.68).

12. Ecological information

Ecotoxicity	May be harmful to aquatic organisms.
Persistence and degradability	Inherently Biodegradable.
Mobility	Insoluble Dust.
Other Adverse Effects	There is no ecological information available for this product, however, large quantities should not be discharged into drains, sewers or waterways.
Environmental Protection	Avoid contaminating waterways, drains, sewers, or ground.

13. Disposal considerations

Waste Disposal	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
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14. Transport information

Transport Information	Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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15. Regulatory information

Poisons Schedule	Not Scheduled
AICS (Australia)	All components listed.

16. Other Information

Signature of Preparer/Data Service	Technical Manager 03 9580 2499
Technical Contact Numbers	Emergency Advice All Hours: Tel: 0409 949 298 Mon-Fri 8am - 6pm Poisons Information Centre: 13 11 26 - 24hrs
Other Information	This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below. ...End Of MSDS...

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