



WATER SPECIALIST SUPPLY CO.,LTD.

Call : 034-440-851-3, 095-367-5790

Sales : 089-695-8181, 083-705-1000, 089-160-6121

MATERIAL SAFETY DATA SHEET

FILTER SAND AND GRAVEL

PRODUCT:FILTER SAND AND GRAVEL

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

WATER SPECIALIST SUPPLY CO.,LTD.

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PREPARED BY..... Water Specialist Supply CO.,LTD

PREPARATION DATE..... 11/October/16

PRODUCT NAME.....Filter Sand, Filter Gravel

PRODUCT USE.....Filter Media is produced to rigorous specifications, to allow certain components to be trapped, allowing liquids etc to flow on.

EMERGENCY PHONE NO..... (+66)34-440-851 to 3 or (+66)95-367-5790

SECTION 02 : COMPOSITION/INFORMATION ON INGREDIENT

Ingredients	Content	C.A.S.#
Crystalline Silica (Quartz)	~94%	14808-60-7
Chert	1-5%	not required
Other non-hazardous	1-5%	not required

SECTION 02 : COMPOSITION/INFORMATION ON INGREDIENT

UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Packing Group: None allocated
Hazchem Code: None allocated
Poison Schedule: None allocated

SECTION 03: HAZARDS IDENTIFICATION

Hazardous according to the criteria of Worksafe Australia. Product may contain crystalline silicate.

Potential Health Effects

Ingestion:

Not a likely source of exposure. May cause irritation to mouth, oesophagus and stomach.

Eye:

May cause mechanical irritation in contact with the eyes, which can result in redness and itching. Not anticipated to cause permanent eye injury.

Inhalation:

Inhalation may cause irritation to the mucous membrane and upper airways.

Skin:

May cause mechanical irritation in contact with the skin.

Acute – Inhaled:

Inhalation may cause irritation to the mucous membrane and upper airways.

Chronic-Inhaled:

Repeated inhalation of dust may result in excessive mucus and coughing. Because product may contain crystalline silica, repeated inhalation of high concentrations of respirable dust may cause scarring of the lung (silicosis), and chronic bronchitis, and may increase the risk of scleroderma (thickening of the connective tissue) and kidney disease.

SECTION 04 : FIRST AID MEASURES

INSTRUCTIONS:

Ingestion: Drink plenty of water and contact a Doctor if irritation develops. **DO NOT induce vomiting.**

Eyes: If in eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open and see a Doctor if irritation continues.

Skin: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.

Inhalation: Move to fresh air. Monitor for respiratory distress. Seek medical attention if irritation occurs.

First Aid Facilities: Eye wash fountain shall be available.

Notes to Physician: Treat symptomatically and supportively.

SECTION 05 : FIRE FIGHTING MEASURES

Fire/Explosion Hazard:

Non- flammable does not support combustion of other Materials, and will not cause dust explosions.

Extinguishing Media:

Not Applicable.

Special fire fighting procedure:

Not Applicable.

Flammability:

Non flammable.

SECTION 06 : ACCIDENTAL RELEASE MEASURES

EMERGENCY ACTION: None Available

SPILL OR LEAK PROCEDURE: Not Applicable

Spills/Leaks:

Prevent entering sewer, stormwater drains or waterways. Avoid creating dust wet media or use vacuum to remove spill.

SECTION 07 : HANDLING AND STORAGE

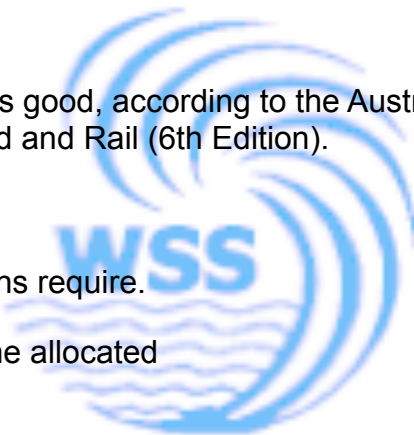
Transport:

Not classified as a Dangerous good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).

Storage Precautions:

No special storage precautions require.

Proper Shipping Name:None allocated



SECTION 08 : EXPOSE CONTROL/PERSONAL PROTECTION

Exposure Standards

Crystalline Silica TWA 0.1 mg/m³ respirable dust

Total Respirable Dust TWA 10 mg/m³ (TWA maximum in a 8 hour period)

Do not store or consume food, drink or tobacco in an area where they may become contaminated with this material. Wash hand thoroughly before eating, smoking, applying cosmetics etc. Use safe hygiene practices. Thoroughly launder work clothes before reuse.

Engineering Controls:

Local ventilation not normally necessary but should be considered if used in poorly ventilation or very confined space (Use a Air Purifying Respirator or wet sand to aid in the prevention of inhalation)

Personal Protection Equipment

CLOTHING: PVC or rubber apron, coveralls, safety shoes/boots.

GLOVES: PVC or rubber.

EYES: Safety glasses to protect eyes.

RESPIRATORY PROTECTION:

Select and use respirators in accordance with AS/NZS 1715/1716. If used in poorly ventilated or very confined spaces, a standard disposable dust mask fitted with a type P1 filter should be used that complies with AS1716 Respiratory Devices and used in accordance with AS1715 which describes use and maintenance. Where dust is generated the use of an Air Purifying Respirator with a class P1 filter

SECTION 09 :PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine to course grains varying in colour from brown/grey to light grey
Melting Point:	> 1000 Degrees Celsius
Vapour Pressure:	Not applicable
Specific Gravity/Density:	approximately 2.6
Flash point:	Not applicable.
Flammable Limit LEL:	Not applicable.
Flammable Limit UEL:	Not applicable.
Solubility:	insoluble

SECTION 10:STABILITY AND REACTIVITY

Stability:

Stable under normal conditions of use.

Conditions to Avoid:

None allocated.

Incompatibilities with Other Materials:

None allocated.

Hazardous Decomposition Products:

None allocated.

Hazardous Polymerization: Will not occur.

SECTION 11 : TOXICOLOGICAL INFORMATION

No toxicological information is available for this product.



SECTION 12 : ECOLOGICAL CONSIDERATION

No environmental impact information is available for this product.

Avoid contaminating waterways, drains or sewers.



SECTION 13 : DISPOSAL CONSIDERATION

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally, suitable for disposal by approved waste disposal agent.



SECTION 14 : TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: None allocated

Dangerous Goods Class: None allocated

Packing Group: None allocated

Hazchem Code: None allocated



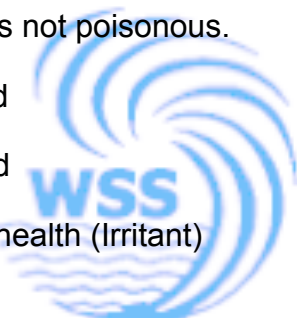
SECTION 15 : REGULATORY INFORMATION

Poison Schedule: This material is not poisonous.

Risk Phrases: None allocated

Safety Phrases: None allocated

Hazard Category: Hazardous to health (Irritant)



SECTION 16 : OTHER INFORMATION

Disclaimer :

Water Specialist Supply(WSS THAILAND) CO.,Ltd provide information contained here in good faith but make no representation as to its comprehensiveness or accuracy.This document is intended only as a guide to the appropriate precautionary handing of the material by a properly trained person using this product.Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

