



Safety Data Sheet

SECTION 1. IDENTIFICATION

GHS Product Identifier:	Ice Melting Product
Other Means of Identification:	Pickle sand, Salt Sand
Recommended Use:	Use on all outdoor pavements such as driveways, interlocking pavers, loading docks, sidewalks, steps, roadways, etc.
Restrictions On Use:	N/A
Canadian Supplier Identifier+:	Fisher Wavy Inc. P.O Box 3000 Copper Cliff, ON P0M 1N0
Emergency Phone Number:	(705) 674-4291

SECTION 2: HAZARD IDENTIFICATION

GHS Classification and Category:	Carcinogenicity - Category 1A; Specific target organ toxicity (single exposure) - Category 3; Specific target organ toxicity (repeated exposure) - Category 1 SDS No.: 0165
GHS Label Elements Hazard Pictograms:	
Signal Word:	Danger
Hazard Statement:	May cause cancer. May cause respiratory irritation. Causes damage to organs (lungs) through prolonged or repeated exposure.

Precautionary Statement(s)	Obtain special instructions before use.
General:	Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Prevention:	Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product.
Response:	If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. continue rinsing. Immediately call a POISON CENTRE or doctor. IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Storage:	Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Disposal:	Dispose of contents and container in accordance with local, regional, national and international regulations.
Hazards Not Otherwise Classified (HNOC):	None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name: Sand and Salt

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Sodium chloride	7647-14-5	50-100%	N/A
Silica, total quartz	14808-60-7	50%-Max	N/A

SECTION 4. FIRST AID MEASURES

First Aid

Inhalation

Move to fresh air. Keep at rest in a position comfortable for breathing. Call a Poison Centre or doctor if you feel unwell.

Skin Contact

Rinse with lukewarm, gently flowing water for 5 minutes. Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If skin irritation or a rash occurs, get medical advice or attention.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Remove contact lenses, if present and easy to do. Immediately call a Poison Centre or doctor.

Ingestion

Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting. Get medical advice or attention if you feel unwell or are concerned.

Special Instructions

Not applicable.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing

media: No fire hazard present for this material.

Unsuitable extinguishing

media: No fire hazard present for this material.

Specific hazards arising from hazardous product:

Not flammable. Not explosive. Not reactive under normal conditions.

Special protective equipment and precautions for fire-fighters:

No fire hazard present for this material.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

For non-emergency

personnel:	Use appropriate personal protective equipment and evacuate unnecessary personnel.
For emergency personnel:	Equip clean-up crew with proper protection and ventilate area.
Environmental precautions:	It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway.
Methods and material for containment and clean up	
Containment:	Contain and collect as any solid.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.
<i>Conditions for safe storage (including incompatible materials)</i>	
Technical measures:	Comply with applicable regulations.
Storage conditions:	Keep/store away from incompatible materials.
Incompatible materials:	Strong acids, strong bases, strong oxidizers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters					
	ACGIH TLV®		OSHA PEL		AIHA WEEL
Chemical Name	TWA	STEL	TWA	ceiling	8hr-TWA TWA
Silica, total quartz	0.05mg/m3 ® A2		0.1mg/m3		

Appropriate Engineering Controls
 Use local exhaust ventilation, if general ventilation is not adequate to control

amount in the air.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Wear a NIOSH approved particulate respiratory equipped with an N95, R95, or P95 filter.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Basic Physical and Chemical Properties

Appearance	Solid Crystals
Odour	Odourless
Odour Threshold	N/A
pH	7
Melting pt; Freezing pt	801C; N/A
Initial Boiling pt, Range	N/A
Flash Point	N/A
Evaporation Rate	N/A
Flammability (solid, gas)	N/A
Upper/Lower Flammability or Explosive Limit	N/A
Vapour Pressure	N/A
Vapour Density	N/A
Relative Density(water=1)	2.5
Solubility	N/A
Partition CoEfficient	N/A
Auto Ignition Temp.	N/A
Decomposition Temp.	N/A
Viscosity	N/A
Other Information	
Physical State	Solid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Conditions to Avoid

Water, moisture or humidity.

Incompatible Materials

None known.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Silica, total quartz		500 mg/kg (rat)	

Skin Corrosion/Irritation

May cause moderate or severe irritation based on information for closely related materials.

Serious Eye Damage/Irritation

May cause serious eye damage based on information for closely related materials.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause severe nose and throat irritation, severe lung injury.

Skin Absorption

No information was located.

Ingestion

May be harmful based on information for closely related materials.

Aspiration Hazard

Can cause lung damage if aspirated based on human experience.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Causes irritation of the respiratory system. Respiratory tract injury has been observed. Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.

Respiratory and/or Skin Sensitization

May cause an allergic reaction (skin sensitization) based on information for closely related chemicals.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Silica, total quartz	Group 1	A2	Known carcinogen	

May cause cancer.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

(information is optional)

ECOTOXICITY

May cause long lasting harmful effects to aquatic life.

PERSISTENCE AND DEGRADABILITY

No information was located.

BIOACCUMULATIVE POTENTIAL

No information was located.

MOBILITY IN SOIL

No information was located.

OTHER ADVERSE AFFECTS

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

(information is optional)

Waste Disposal

Recommendations: Dispose of waste material in accordance with all local/regional/national/provincial/territorial/and international regulations.

Ecology- Waste Materials: Avoid release to the environment.

SECTION 14. TRANSPORT INFORMATION (information is optional)

UN number: N/A
UN proper shipping name: N/A
Transport hazard class(es): N/A
Packing group: N/A
Environmental hazards: N/A
Transport in bulk, if applicable: Follow MTO regulations
Special precautions: N/A

SECTION 15. REGULATORY INFORMATION (information is optional)

Canadian Regulations Sand and Salt

WHIMIS classification: Class D Division 2 Subdivision A- Very toxic material causing other toxic effects; Class E-Corrosive



Quartz (14808-60-7) Listed on the Canadian DSL (Domestic Substance List)
Listed on the Canadian IDL (Ingredient Disclosure List)
1%
Class D Division 2 Subdivision A- Very toxic material causing other toxic effects

IDL Concentration: Class D Division 2 Subdivision A- Very toxic material causing other toxic effects

WHMIS Classification: Class D Division 2 Subdivision B- Toxic material causing other toxic effects

SECTION 16. OTHER INFORMATION

Hazardous Material Information

System (HMIS):

Health: 1

Flammability: 0

Physical Hazard: 0

Personal Protection: A

NFPA/HMIS definitions:

0-least, 1-slight, 2-moderate, 3-high, 4-extreme
Protective Equipment: safety glasses, gloves

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Other Information:

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

“The information provided herein is believed by seller to be accurate at the time of preparation, or prepared from sources believed to be reliable. Health and Safety precautions in this data sheet may not be adequate for all individuals or situations. Users have the responsibility to comply with all laws and procedures applicable to the safe handling and use of the product, to determine the suitability of the product for its intended use, and to understand possible hazards associated with mixing this product with other materials. SELLER MAKES NOWARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT, THE MERCHANTABILITY, OR FITNESS THEROF FOR ANY PURPOSE, CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY SELLER.”