

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : IceStone

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Manufacturing

1.3. Details of the supplier of the safety data sheet

IceStone LLC
63 Flushing Ave. Building 12
Brooklyn, NY 11205

1.4. Emergency telephone number

T 718-624-4900

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product as manufactured is not classified as hazardous per GHS. If the product is further processed by grinding or cutting, the following GHS classification may be applicable. Follow recommended processing and handling guidelines if IceStone is to be further processed.

Classification (GHS-US)

Carc. 1A H350
Carc. 1B H350
Carc. 2

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H350 - May cause cancer

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313 - If exposed or concerned: Get medical advice/attention
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

No additional information available

2.3. Other hazards

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Glass, oxide, chemicals	(CAS No) 65997-17-3	55 - 75	Carc. 1B, H350
Cement, Portland, chemicals	(CAS No) 65997-15-1	15 - 30	Not classified
Water	(CAS No) 7732-18-5	5 - 15	Not classified
Proprietary Component 1	(CAS No) Trade Secret	3 - 10	Not classified
Proprietary Pigment 1	(CAS No) Trade Secret	0 - 5	Not classified
Proprietary Pigment 2	(CAS No) Trade Secret	0 - 5	Not classified

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Name	Product identifier	%	Classification (GHS-US)
Proprietary Pigment 3	(CAS No) Trade Secret	0 - 5	Carc. 2, H351
Proprietary Pigment 4	(CAS No) Trade Secret	0 - 5	Not classified
Proprietary Pigment 5	(CAS No) Trade Secret	0 - 5	Not classified
Crystalline Silica	(CAS No) 14808-60-7	0 - 1	Carc. 1A, H350

SECTION 4: First aid measures

4.1. Description of first aid measures

IceStone in its manufactured form poses no health risks. When fabricating, cutting, grinding IceStone follow IceStone guidelines using a wet saw to reduce dust. Follows are first aid measures when fabricating, cutting or grinding IceStone with a wet saw:

First-aid measures after inhalation	: Remove person to fresh air. If not breathing, administer CPR or artificial respiration. Get immediate medical attention.
First-aid measures after skin contact	: Flush with water for at least 15 minutes. Seek medical attention if irritation develops or persists.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Seek medical attention if irritation develops.
First-aid measures after ingestion	: Do NOT induce vomiting. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation	: Dusts may cause respiratory irritation. Follow recommended procedures for product handling and processing.
Symptoms/injuries after skin contact	: Dusts may cause irritation.
Symptoms/injuries after eye contact	: Dusts may cause irritation.
Symptoms/injuries after ingestion	: Not considered a likely route of exposure during normal use conditions.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: None known.
Explosion hazard	: None known.

5.3. Advice for firefighters

Protection during firefighting	: Firefighters should wear full protective gear.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

None.

6.3. Methods and material for containment and cleaning up

For containment	: No special containment needed.
Methods for cleaning up	: Shovel or sweep up and put in a closed container for recovery or disposal.

6.4. Reference to other sections

No additional information available

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : None required for handling finished product. Avoid contact with eyes, skin and clothing when further processing the product. For handling IceStone slabs please follow IceStone Fabrication Guidelines.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Do not store outdoors. Follow IceStone Fabrication Guidelines for recommended storage and handling procedures.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Cement, portland, chemicals (65997-15-1)		
USA ACGIH	ACGIH TWA (mg/m ³)	1 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
Proprietary Component 1 (Trade Secret)		
USA ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
Proprietary Pigment 1 (Trade Secret)		
USA ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³
Proprietary Pigment 3 (Trade Secret)		
USA ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³

8.2. Exposure controls

Appropriate engineering controls : If material is ground, cut, or used in any operation which may generate dust, use appropriate local exhaust ventilation to keep exposures below the recommended exposure limits and follow IceStone's fabrication guidelines using a wet saw only.

Hand protection : Use impervious gloves such as neoprene, nitrile, or rubber for hand protection.

Eye protection : ANSI approved safety glasses with side protectors.

Skin and body protection : Wear suitable working clothes.

Respiratory protection : Use NIOSH approved respiratory protection.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Color	: Multicolored
Odor	: Odorless
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1):	No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Insoluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

Not determined.

10.6. Hazardous decomposition products

Not determined.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Proprietary Pigment 1 (Trade Secret)

LD50 oral rat	> 10000 mg/kg
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Proprietary Pigment 3 (Trade Secret)

LD50 oral rat	> 10000 mg/kg
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Proprietary Pigment 4 (Trade Secret)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 2.2 mg/l (Exposure time: 1 h)

Proprietary Pigment 5 (Trade Secret)	
LD50 oral rat	> 5000 mg/kg
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.

Proprietary Pigment 1 (Trade Secret)	
IARC group	3 - Not classifiable

Proprietary Pigment 3 (Trade Secret)	
IARC group	2B - Possibly carcinogenic to humans

Proprietary Pigment 4 (Trade Secret)	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Proprietary Pigment 4 (Trade Secret)	
LC50 fish 1	5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)
EC50 other aquatic organisms 1	440 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Proprietary Pigment 4 (Trade Secret)	
BCF fish 1	(no bioaccumulation expected)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer	: No additional information available
Effect on the global warming	: No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

In accordance with DOT
Not a dangerous good as defined in transport regulations

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

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15.2. US State regulations

Proprietary Pigment 3 (Trade Secret)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes				

Glass, oxide, chemicals (65997-17-3)
U.S. - Minnesota - Hazardous Substance List

Cement, portland, chemicals (65997-15-1)
U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Proprietary Component 1 (Trade Secret)
U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Proprietary Pigment 1 (Trade Secret)
U.S. - Massachusetts - Right To Know List

Proprietary Pigment 1 (Trade Secret)
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Proprietary Pigment 3 (Trade Secret)
U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Proprietary Pigment 4 (Trade Secret)
U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Crystalline Silica
U.S. - Massachusetts - Right To Know List
U.S. - California Prop. 65 Components – WARNING! This product contains a chemical known to the State of California to cause cancer.
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

Carc. 1A	Carcinogenicity Category 1A
Carc. 1B	Carcinogenicity Category 1B
Carc. 2	Carcinogenicity Category 2
H350	May cause cancer
H351	Suspected of causing cancer

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product