

## Safety Data Sheet



### Section 1: Identification

#### Product identifier

- Product Name** • **ZERO ICE Ice & Snow Melter**
- Product Description** • White to off-white and blue granules or flakes.

#### Relevant identified uses of the substance or mixture and uses advised against

- Recommended use** • Ice melt.
- Restrictions on use** • Keep out of the reach of children. Avoid contact with eyes, skin or clothing.

#### Details of the supplier of the safety data sheet

- Manufacturer** • Howard Johnson's Enterprises, Inc.  
9675 S. 60th Street  
Franklin, WI 53132  
United States  
www.hjefertilizer.com
- Telephone (General)** • (414) 394-3590 - 8:30am - 5:00pm CST

#### Emergency telephone number

- Manufacturer** • 1-800-424-9300 - CHEMTREC - Transportation and Non-Transportation related emergencies
- Manufacturer** • 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

### Section 2: Hazard Identification

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

- OSHA HCS 2012** • No data available

#### Label elements

- OSHA HCS 2012**
- Hazard statements** • No label element(s) required

#### Other hazards

- OSHA HCS 2012** •

Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is not considered hazardous.

## Section 3 - Composition/Information on Ingredients

### Substances

- Material does not meet the criteria of a substance.

### Mixtures

Composition	
Chemical Name	%
Non hazardous ingredients	100%

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms occur.

#### Skin

- IF ON SKIN: Wash skin with soap and water. If irritation develops and persists, get medical attention.

#### Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison control center or doctor for treatment advice.

#### Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

### Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### Indication of any immediate medical attention and special treatment needed

#### Notes to Physician

- Treat symptomatically and supportively.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media** • SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

**Unsuitable Extinguishing Media** • Avoid heavy hose streams.

**Firefighting Procedures** • No data available.

## Special hazards arising from the substance or mixture

### Unusual Fire and Explosion Hazards

- None known.

### Hazardous Combustion Products

- Decomposes upon heating and may produce toxic vapors/gases.

### Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

#### Personal Precautions

- Avoid contact with skin, eyes, and clothing. Wear appropriate personal protective equipment, avoid direct contact.

#### Emergency Procedures

- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

### Environmental precautions

- Avoid run off to waterways and sewers.

### Methods and material for containment and cleaning up

#### Containment/Clean-up Measures

- Sweep or scoop up spills, dispose of any unusable material in approved landfill.

## Section 7 - Handling and Storage

### Precautions for safe handling

#### Handling

- Avoid contact with skin, eyes, and clothing. Avoid generating or breathing dust.

### Conditions for safe storage, including any incompatibilities

#### Storage

- Store in cool, dry area, inaccessible to children. Do not store near or with hazardous or toxic substances.

#### Incompatible Materials or Ignition Sources

- Do not store near hazardous or toxic substances. Keep away from wet and moist conditions.

### Other Information

- See product label for additional information.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

### Exposure controls

#### Engineering

- No data available

#### Measures/Controls

#### Personal Protective Equipment

**Pictograms****Respiratory**

- Not required with normal use.

**Eye/Face**

- Wear safety glasses.

**Hands**

- Wear appropriate gloves.

**Skin/Body**

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

**General Industrial Hygiene Considerations**

- Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls**

- No data available

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	White to off-white and blue granules or flakes.
Color	White to off-white and blue.	Odor	Odorless
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	No data available	Water Solubility	Soluble
Viscosity	Not relevant		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	Not relevant	UEL	No data available
LEL	No data available	Heat of Combustion ( $\Delta H_c$ )	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

## Section 10: Stability and Reactivity

### Reactivity

- Non-reactive under normal handling and storage conditions.

### Chemical stability

- Stable

### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### Conditions to avoid

- Avoid humid, moist or wet conditions.

## Incompatible materials

- Corrosive to metal when wet.

## Hazardous decomposition products

- Thermal decomposition may produce toxic vapors and/or gases.

## Section 11 - Toxicological Information

### Information on toxicological effects

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Not classified - data lacking
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met

### Potential Health Effects

#### Inhalation

- Acute (Immediate) • Exposure to dust may cause mild respiratory irritation.
- Chronic (Delayed) • No data available

#### Skin

- Acute (Immediate) • Exposure may cause mechanical irritation. Irritating to damaged skin.
- Chronic (Delayed) • No data available.

#### Eye

- Acute (Immediate) • Exposure may cause mechanical eye irritation.
- Chronic (Delayed) • No data available

#### Ingestion

- Acute (Immediate) • Ingestion of large amounts of this material may cause gastrointestinal irritation, nausea, vomiting.
- Chronic (Delayed) • No data available

#### Other

- Chronic (Delayed) • No data available.

#### Carcinogenic Effects

- No component of this product present at 0.1% or greater is listed by IARC, OSHA or NTP.

## Section 12 - Ecological Information

### Toxicity

- No data available

### Persistence and degradability

- No data available.

### Bioaccumulative potential

- No data available

### Mobility in Soil

- No data available.

### Other adverse effects

- No data available.

## Section 13 - Disposal Considerations

### Waste treatment methods

#### Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

#### Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable

**Special precautions for user** • None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • No data available

#### Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

## Section 15 - Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

**SARA Hazard Classifications** • Acute

**Section 16 - Other Information**

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