



Howard Johnson's Enterprises

MATERIAL SAFETY DATA SHEET

Pet-Guard® Ice and Snow Melter

Page 1 of 4

Section 1: Product Identification

Product Name: Pet-Guard® Ice and Snow Melter

EPA Reg. Number: Not Applicable

Chemical Name: Carbamide

Shipping Information: Not Regulated by U.S. DOT for all modes of transportation within the US.

Section 2: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Registry Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>SARA 313 Reportable</u>
Urea	57-13-6	None	None	No

Section 3: Physical and Chemical Properties

Physical Form:	Granular Solid	Bulk Density:	None established
pH:	Not Applicable	Refractive Index:	Not Applicable
Boiling Point:	Not Applicable	Freezing Point:	Not Applicable
Solubility in Water:	Completely Soluble	Viscosity:	Free-flowing granules
Vapor Pressure:	Not Determined	Vapor Density:	Not Determined
Percent Volatile:	Not Determined	Evaporation Rate:	Not Determined
Appearance and Odor:	White to off-white, or tinted green-gray, granules, odorless.		



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Page 2 of 4

Section 4: Fire and Explosion Hazard Data

Flash Point (°F):	Not Flammable	Flash Point Method	Not Applicable
Auto ignition Temp. (°F):	Not Applicable	Burning Rate	Not Applicable
Explosive Upper Limit (UEL):	Not Applicable	Lower Limit (LEL):	Not Applicable
Limits:			
Extinguishing Media:	Water, Carbon Dioxide, Dry Chemical or Foam		
Special Firefighting Procedures:	None		
Unusual Fire or Explosion Hazards:	None		

Section 5: Health Hazard Data

Primary Routes of Entry: Inhalation, ingestion, skin contact

Signs and Symptoms of Over-Exposure:

Eye Contact:	Acute: Mild, reversible irritation to the eye. May cause transient corneal injury.	Chronic: None reported
Skin Contact:	Acute: May cause slight irritation on prolonged contact.	Chronic: None reported
Inhalation:	Acute: Excessive inhalation of dust may irritate nose, throat and upper respiratory tract.	Chronic: None reported
Ingestion:	Acute: Ingestion may cause irritation of the gastro-intestinal tract, nausea and vomiting	Chronic: None reported

Emergency First Aid Procedures:

Eye Contact:	Wash eye immediately. Hold eyelids open and flush with lots of water for 15 minutes. Seek medical attention if irritation persists.
Skin Contact:	Wash skin with soap and water.
Inhalation:	Remove person to fresh air.
Ingestion:	Give person large quantities of water to drink. Do not induce vomiting. Seek medical attention.

Medical conditions aggravated by exposure: Existing skin irritation, cuts or scrapes may be aggravated by contact.

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Page 3 of 4

Target Organs: None Identified

Section 6: Reactivity Data

Stability:	Stable
Chemical incompatibilities:	Solution may be corrosive to some metals
Conditions to avoid:	None
Hazardous Decomposition Products:	Hydrogen Chloride may form when heated
Hazardous Polymerization:	Will not occur

Section 7: Accidental Release Procedures

Large Spill or Leak Procedures:	No special precautions needed. Sweep or scoop up spilled material and place in a closed, labeled container for use.
Small Spill or Leak Procedures:	Sweep up spilled material for use as label directs.
Waste Disposal Methods:	Consult state or local environmental agency for disposal of waste. This product is normally not a regulated waste.

Section 8: Exposure Controls and Personal Protection

Engineering Controls – Ventilation:	This product is designed for outdoor use – ventilation is not normally required. Local exhaust may be needed when handling this product in an enclosed area.
Administrative Controls:	Follow all precautions and directions for use on product label.
Protective Clothing and Equipment:	Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.
Respiratory Protection:	For normal handling and use, a respirator is not required. For excessively dusty conditions, use a dust mask approved by MSHA/NIOSH. See OSHA regulations in 29 CFR § 1910.134 before using any respirator or dust mask.
Eye Protection:	Good safety practices suggest the use of goggles to prevent contact with eyes.
Hand Protection:	Good safety practices suggest the use of rubber, leather, or canvas gloves, to prevent skin contact.
Skin Protection:	Wear long-sleeved shirt and long trousers to reduce skin contact.
Safety Stations:	Clean water should be available to flush eyes and/or skin in case of accidental contact.

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Page 4 of 4

Section 9: Handling and Storage Precautions

Handling Precautions:	Do not take internally. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.
Storage Requirements:	Store in a dry area, away from feed or food, and out of reach of children, pets and domestic animals. Keep containers tightly closed when not in use.

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By: Director of Regulatory Affairs

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