

Basic Solutions Ltd

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PRODUCT SAFETY DATA SHEET

Page 1/4

1. PRODUCT IDENTIFICATION:

Product Name: Magic Ice Melt Granules
Supplier: Basic Solutions Ltd

2. PRODUCT COMPOSITION / INFORMATION ON INGREDIENTS:

The precise composition of this mixture is proprietary information. A complete disclosure will be provided to medical personnel in the event of a medical emergency.

**RISK PHRASES/
SAFETY PHRASES:** General this product is not classified as hazardous
Follow proper standards of industrial hygiene. Handle with care.
For use only by technically qualified individuals.

3. HAZARD IDENTIFICATION:

This product is not classified as hazardous

4. FIRST AID MEASURES:

Skin Contact: Avoid prolonged contact. Immediately wash with soap and water and rinse thoroughly. If irritation seek medical advise.

Eye Contact: Irrigate with copious amounts of water for at least 15 minutes and seek medical attention if necessary.

Ingestion: If large quantity ingested. Do not induce vomiting, Seek immediate medical advice

Inhalation: Avoid breathing in dust. Supply fresh air. If required, provide artificial respiration

5. FIRE FIGHTING MEASURES:

Extinguishing methods: In case of fire, use water (fog), foam or dry chemical.

**Special exposure hazards:
apparatus
of** Fire fighters should wear positive pressure self contained breathing
And full turnout gear
Avoid breathing dusts, vapours or fumes from burning materials. In case
Inhalation of decomposition products in a fire, symptoms may be delayed.

**Hazardous thermal
Decomposition production** These products are: carbon oxides(CO,CO₂), nitrogen oxides (NO, NO₂) etc
Ammonia (NH₃)

PRODUCT NAME:	Magic Ice Melt Original
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6. ACCIDENTAL RELEASE:

(a) **PERSONAL PRECAUTIONS:** Use suitable protective equipment (section 8)

(b) **ENVIRONMENTAL PRECAUTIONS:** Avoid contact of spilled material and runoff with soil and water courses.

Use a tool to scoop up solid material and place into an appropriate labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Keep out of waterways.

7. HANDLING AND STORAGE:**HANDLING**

Ensure good ventilation in the workplace keep containers closed when not in use.
Avoid all possible sources of ignition. Do not smoke.

STORAGE

Must be stored in dry location
Store and use away from heat, sparks, open flames, or any other ignition source.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Occupational exposure limits Total inhalable dust – 10 mg/m₃
Respirable dust – 4mg/m₃

Exposure controls

9. PHYSICAL & CHEMICAL PROPERTIES:

Appearance	Free flowing white prills (spherical)
Physical state	Solid
Colour	White
Odour	Odourless. Ammonia (slight)

Important health, safety and environmental information

pH	9.5 (conc. (% w/w):10 [Basic]
Melting/freezing point	133 deg C
Density g/cm ₃	0.74 to 0.79 g/cm ₃ (20 deg C)
Solubility	Easily soluble in cold water

PRODUCT NAME: Magic Ice Melt

10. STABILITY & REACTIVITY:

STABILITY: Stable under normal conditions.

Materials to be avoided: Avoid contact with acids, alkalis, oxidising agents, nitrites and nitrates.

Urea reacts with calcium hypochlorite or sodium hypochlorite to form the explosive nitrogen trichlorides.
Hazardous decomposition products: These products are : carbon oxide (CO, CO₂), nitrogen oxides (NO, NO₂ etc) ammonia (NH₃)

11. TOXICOLOGICAL INFORMATION:

Potential acute health effects

May cause eye and skin irritation

Adverse health effects are considered unlikely, when the product is used according to directions.

12. ECOLOGICAL INFORMATION:

Do not allow material to be release to the environment

Not considered to be a hazard to the environment when used properly

13. DISPOSAL CONSIDERATIONS:

Methods of disposal : Empty containers or liners may retain some product residues. Do not empty into drains; dispose of this material and its container in a safe way. Dispose of in accordance with all applicable local and national regulations.

Hazardous waste : within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION:

Not classified as hazardous for transport purposes and is not restricted under ADR/RID, IMDG or DGR regulations.

PRODUCT NAME: Magic Ice Melt Original

15. REGULATORY INFORMATION:**EU regulations**

Risk phrases : This product is not classified according to EU legislation.

Product use Industrial applications.

Classification and labelling have been performed according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and the intended use.

16. OTHER INFORMATION:

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not, therefore, be construed as guaranteeing specific properties.

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