

## PRODUCT SAFETY DATA SHEET

### 1. PRODUCT IDENTIFICATION:

**Product Name:** Magic Ice Melt Liquid

**Supplier:** LNT 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.

### 3. HAZARD IDENTIFICATION:

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments. See section 11 for more detailed information on health effects and symptoms.

### 4. FIRST AID MEASURES:

**Skin Contact:** Immediately wash with soap and water and rinse thoroughly.  
**Eye Contact:** Irrigate with copious amounts of water seek medical attention if necessary.  
**Ingestion:** Do not induce vomiting, Seek immediate medical advice  
**Inhalation:** Supply fresh air. If required, provide artificial respiration

### 5. FIRE FIGHTING MEASURES:

Product is not combustible and does not support burning.  
May give off Carbon Monoxide and Carbon Dioxides under extreme heat.  
In the event of fire, all extinguisher types can be used - select on the basis of other materials present.

### 6. ACCIDENTAL RELEASE:

- (a) **Personal Precautions:** See section 8
- (b) **Environmental Precautions:** Contain spills with dikes of soil or non flammable absorbent to minimise contaminated area. Do not allow material to be released to the environment.

### 7. HANDLING AND STORAGE:

**HANDLING**  
Ensure good ventilation in the workplace. Keep containers closed when not in use.

**STORAGE**  
Store in cool conditions on impermeable floors, out of direct sunlight.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION:**

EH 40 2005: None listed

**Respiratory:** Use in well ventilated areas  
**Hands:** Impervious Gloves.  
**Eyes:** Close fitting goggles or face shield (applicable to bulk supply).  
**Skin:** Wear personal protective equipment - Apron/Boots/Overalls/weather proof jacket  
**General Precautions:** The usual precautionary measures for handling chemicals. Use in well ventilated areas. Remain upwind when applying. Keep away from food stuff, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before and after use

**9. PHYSICAL & CHEMICAL PROPERTIES:**

**Appearance:** Clear liquid  
**Odour:** none  
**pH 1:10 at 20°C:** 7.5-9.0  
**Boiling Range:** 135-153 C  
**Melting Point:** Not applicable  
**Flash Point:** >93 C closed cup  
**Flammability / Auto Flammability:** N/A  
**Vapour Pressure:** ~41 to ~10 mm Hg  
**Relative Density (20°C):** 1.48 to 1.58 g/cm<sup>3</sup>  
**Solubility:** N/A  
**Partition coefficient:** N/A

**10. STABILITY & REACTIVITY:**

**Stability:** Stable under normal conditions.  
**Materials to be avoided:** Sulphuric acid, Hydrochloric acid, hypochlorite and other strong inorganic acids  
**Dangerous products of decomposition:** Thermal decomposition products may include oxides of carbon.

**11. TOXICOLOGICAL INFORMATION:**

**Acute toxicity: Component A**                      **Acute toxicity: Component B**  
**Oral : LD 50 5,500 mg/kg (mus)**                      **Mouse LD50 = 11,500 mg/kg**

**Skin; Prolonged contact may cause irritation**  
**Eyes: Slightly irritating**  
**Sensitization: No sensitization effects known**

**12. ECOLOGICAL INFORMATION:**

**Not considered to be a hazard to the environment**  
**Do not allow material to be released to the environment (applicable to bulk supply)**

**Biological Oxygen Demand (BOD): 60,000 ppm (no dilution)**

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**13. DISPOSAL CONSIDERATIONS:**

Absorb the spillage with sand.  
Dispose of residue to approved disposal area in accordance with regulations.  
Then wash with water, if necessary with cleansing agents.

**14. TRANSPORT INFORMATION:**

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

**15. REGULATORY INFORMATION:**

**LABELLING INFORMATION**

**NONE REQUIRED** The product is not classified material according to the EEC Dangerous Substances Directive and the Dangerous Preparations Directive

**HEALTH & SAFETY REGULATIONS**

The Chemicals (Hazard Information & Packaging) Regulations 2002 (CHIPS 3).

Control of Substances Hazardous to Health Regulations 2002 (Amendment) Regs. , S.I. 2002.2677.  
E.H. 40, Occupational Exposure Limits 2005 (revised annually).

**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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