

SAFETY DATA SHEET

- 1. Identification** - **RAPID ICE MELT WINTER GRIP**
A blend of white marine salt and small grey granite particles
- 2. Chemical Composition** -

Component	Cas No.	%	
Sodium Chloride	7647-14-5	80	
Granite silica	14808-60-7	20	
- 3. Hazards Identification** -

Main Hazards: Contains no hazardous ingredients and is unlikely to cause harmful effects under normal conditions of handling and use

Odour: Slight

Solubility: soluble in water.

Environmental: see section 12
- 4. First Aid Measures** -

Inhalation: Remove patient from exposure

Ingestion: If large amounts swallowed give 200-300ml (half a pint) of water to drink. Obtain medical attention if ill-effects occur.

Skin Contact: wash exposed area with soap & water. Get medical advice if irritation occurs.

Eye Contact: Irrigate with eyewash solution or clean water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.
- 5. Fire Fighting Procedures** -

Non- combustible.

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

PPE & Special Information:
 In the event of a fire, wear full protective clothing and SCBA-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode
- 6. Accidental Release measures** -

Measures:

 - Clear up spillages.
 - Transfer to a container for disposal.
 - Wash the spillage area with water.

- Spillages or uncontrolled discharges into water courses, drains or sewers must be IMMEDIATELY alerted to the Environment Agency or other appropriate regulatory body

7. **Handling & Storage** - *Handling:* Avoid the creation of dust when handling and sources of ignition (do not smoke) avoid contamination by any source including metals, dust and organic materials..
Storage: store in a dry, cool location, keep container tightly closed in a safe place away from children.

8. **Exposure Controls & PPE** - PPE: Protective Equipment: The provision of protective equipment and the need to provide engineering control measures should be decided upon by the user as part of a formal exposure risk assessment. Based upon the available toxicological information the protective measures described below should be regarded as a minimum.
Respiratory Protection: Not required under normal conditions, unless excessive dusting occurs (not usually the case due to the liquid coating).
Skin Protection: Wear protective gloves and clean body-covering clothing.
Eye Protection: Use chemical safety goggles if distributing in very windy conditions. Maintain eye wash fountain and quick-drench facilities in work area.

9. **Physical & Chemical Properties** - General information: CAS 7647-14-5
Appearance: white granular
Form: Crystalline Solid
Smell: Slight odour
Solubility: Soluble in water.
Boiling Point (Deg C): 1413
Melting Point (Deg C): 802
Density of Sodium Chloride (g/ml): up to 2.165 at 20 Deg C
Bulk Density (g/ml): 1.2 to 1.5 approx
Nominal Particle size range: 0-6mm
Solubility (Water): freely soluble
Flash Point: Non flammable.

General information: CAS 14808-60-70
Appearance: white/grey granular
Form: Solid
Smell: Slight odour
Solubility: Soluble in water.
Boiling Point (Deg C): 2230
Melting Point (Deg C): 1610
Densit): 2.6 g/mL at 25 °C(lit.)
Solubility): Soluble in hydrogen fluoride
Flash Point: Non flammable.

10. Stability & Reactive Data	-	<p><u>Stability: Hazardous Reactions:</u> Reactions with concentrated acid will produce hydrogen chloride. Under wet conditions, will corrode many common metals, particularly iron, aluminium and zinc.</p>
11. Toxicological Information	-	<p><u>Inhalation:</u> High concentrations of dust may be irritant to the respiratory tract.</p> <p><u>Skin Contact:</u> Will remove the natural greases resulting in dryness, cracking and possibly dermatitis. Repeated and /or prolonged skin contact may cause irritation.</p> <p><u>Eye Contact:</u> Dust may cause irritation.</p> <p><u>Ingestion:</u> May cause vomiting and diarrhoea. The swallowing of small amounts is unlikely to cause any adverse effects.</p> <p><u>Long Term Exposure:</u> Repeated ingestion of excessive amounts may cause disturbance of body electrolyte and fluid balance.</p>
12. Ecological Information	-	<p><u>Environmental Fate and Distribution:</u> High tonnage material with wide disperse use.</p> <ul style="list-style-type: none"> • Solid with low volatility. • Soluble in water. <p>The product has no potential for bioaccumulation. The product is predicted to have high mobility in soil.</p> <p><u>Toxicity:</u> Low toxicity to aquatic organisms.</p> <p><u>Effect on Effluent Treatment:</u> Adverse effects would not be expected.</p>
13. Disposal Consideration	-	<p>Disposal of packaging: Dispose of as normal industrial waste. This product is not regarded as hazardous waste as defined by EU directive 91/689/EEC</p> <p>NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.</p>
14. Transportation Information	-	<p>Not classified as hazardous for transport under ADR & RID, IMDG/IMO, IATA/ICAO regulations</p>
15. Regulatory Information	-	<p><u>Hazard Symbols:</u> None</p> <p>Hazard Symbols: None</p> <p>Not classed as dangerous for supply or use</p> <p>Risk Phrases: R38 irritating to skin</p> <p>Safety Phrases: S36/37/39</p> <p>Wear suitable protective clothing, gloves and eye/face protection</p> <p>S24 avoid contact with skin</p>

S28 after contact with skin, wash immediately with plenty of water

S1/2 keep locked up and out of reach of children

S45 in case of accident or if you feel unwell seek medical attention immediately

Applicable EU provisions and associated UK legislation: CHIP 3

Note: this data sheet does not constitute a users assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations or any other health and safety legislation.

16. Disclaimer

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