



## SAFETY DATA SHEET

### Melt Away Rock Salt

According to Regulation (EC) No 1907/2006, Annex II, as amended.

#### SECTION 1: Identification of the substance/preparation and of the company/undertaking

##### Product identifier

**Product name** Melt Away Rock Salt

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

**Identified uses** For use as a de-icing agent.

**Uses advised against** No specific uses advised against are identified.

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

###### **Supplier**

Tarmac Building Products Ltd  
i10 Interchange  
Railway Drive  
Wolverhampton  
WV1 1LH  
Telephone: 03444 63 64 65  
pozament@tarmacbp.co.uk

##### Emergency telephone number

Emergency telephone 03444 63 00 46 (Office Hours)

#### SECTION 2: HAZARDS IDENTIFICATION

Unlikely to cause harmful effects under normal conditions of handling and use.

#### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Melt Away Rock Salt is approximately 94% pure salt and has a characteristic reddish-brown colour owing to the presence of marl (an insoluble mineral) which is the chief impurity. The salt is treated with approximately 30 ppm sodium ferrocyanide as an anti-caking agent.

**Alternative Names:** Sodium Chloride, Common Salt, Halite

**CAS Number:** Sodium Chloride 007647-14-5  
Sodium Ferrocyanide 13601-19-9

**EINECS Number:** Sodium Chloride 231-598-3  
Sodium Ferrocyanide 237-081- 9

**HAZARDOUS INGREDIENT(S):** Contains no Hazardous Ingredients  
EC Directive 93/112/EEC

#### SECTION 4: FIRST AID MEASURES

<b>Inhalation:</b>	Remove patient from exposure.
<b>Skin Contact:</b>	Wash skin with water.
<b>Eye Contact:</b>	Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. If symptoms develop, obtain medical attention.
<b>Ingestion:</b>	Wash out mouth with water and give 200-300ml (half a pint) of water to drink. Obtain medical attention if ill-effects occur.
<b>Further Medical Treatment:</b>	Symptomatic treatment and supportive therapy as indicated

#### SECTION 5: FIRE-FIGHTING MEASURES

##### Non-combustible

<b>Extinguishing Media:</b>	As appropriate for surrounding fire.
<b>Fire Fighting Protective Equipment:</b>	No special requirements.

#### SECTION 6: ACCIDENTAL RELEASE 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

#### SECTION 7: HANDLING AND STORAGE

<b>HANDLING</b>	Avoid contact with eyes. Avoid prolonged skin contact. Atmospheric levels should be controlled in compliance with the occupational exposure limit for dust. Keep away from strong acids and common metals. Static electricity can be generated by pneumatic conveying, therefore pipes should be bonded and earthed, especially where a spark could prove hazardous.
<b>STORAGE</b>	Keep away from concentrated acids. Rock salt can be stored outside but will absorb moisture over time. Care should be taken to avoid excessive run-off into water or onto vegetation

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Crystalline solid
<b>Colour:</b>	Red-brown
<b>Odour:</b>	Odourless
<b>Boiling Point:</b>	1413°C
<b>Melting Point:</b>	802°C
<b>Density of Sodium Chloride (g/ml):</b>	up to 2.165 at 20°C
<b>Bulk Density (g/ml):</b>	1.2 to 1.5 approx
<b>Solubility (Water):</b>	freely soluble, with some insoluble marlstone residue
<b>NOMINAL PARTICLE SIZE RANGE:</b>	0-10mm

## SECTION 10: STABILITY AND REACTIVITY

**Hazardous Reactions:** Reactions with concentrated acid will produce hydrogen chloride. Under wet conditions, will corrode many common metals, particularly iron, aluminium and zinc.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Inhalation:** High concentrations of dust may be an irritant to the respiratory tract.

**Skin Contact:** Will remove the natural greases resulting in dryness, cracking and possibly dermatitis. Repeated and /or prolonged skin contact may cause irritation.

**Eye Contact:** Dust may cause irritation. Ingestion: May cause vomiting and diarrhoea. The swallowing of small amounts is unlikely to cause any adverse effects.

**Long Term Exposure:** Repeated ingestion of excessive amounts may cause disturbance of body electrolyte and fluid balance.

## SECTION 12: ECOLOGICAL INFORMATION

**Environmental Fate and Distribution** High tonnage material with wide disperse use. Solid with low volatility. The product is soluble in water. The product has no potential for bioaccumulation. The product is predicted to have high mobility in soil.

**Toxicity** Low toxicity to aquatic organisms.

**Effect on Effluent Treatment** Adverse effects would not be expected.

## SECTION 13: DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, national and European Community legislation.

## SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

## SECTION 15: REGULATORY INFORMATION

Not classified as dangerous for supply or use.

## SECTION 16: OTHER INFORMATION

**USES:** Highways & Footway de-icing

Version Number: 1  
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Supersedes; N/A

Nature of Revision - This version produced in reference to Annex II of the REACH Regulation (EC) 1907/2006 as amended by Regulation 453/2010.

### Disclaimer

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**End of the safety data sheet**