

## Marine White Deicing Salt

### SECTION 1 Identification of the substance/mixture and supplier

#### 1.1. Product identification

**Commercial name** Marine White De-icing Salt

#### 1.2. Relevant identified uses for the substance or mixture and unadvised uses

**Use** Salt for highway winter maintenance

#### 1.3. Information concerning supplier

**Company identification** J C Peacock & Co Ltd  
North Harbour  
Ayr  
KA8 8AE  
Tel: 01292 292000 Fax: 01292 292001  
Email: [info@peacocksalt.co.uk](mailto:info@peacocksalt.co.uk)

#### 1.4. Number to call in the event of an emergency

**Emergency tel no** (UK 999) (EU 112)

### SECTION 2 Hazards identification

#### 2.1. Classification of the substance or mixture

This preparation has not been regulated according to the European directives 67/548/CEE and/or 1999/45/CE and the regulation 1272/2008 CLP, their adaptations and their annexes.

#### EC classification 67/548 or EC 1999/45

**Classification** Not classified

#### Hazard class and category code(s), Regulation (EC) N° 1272/2008 (CLP)

Not Classified

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### 2.2. Labelling

#### EC 1272/2008 (CLP) Labelling Regulations

**Hazard labelling** This product is not subject to regulation according to the European directives 67/548/CEE and/or 1999/45/CE and the regulation 1272/2008 CLP, their adaptations and their annexes.

### 2.3. Other hazards

#### **Other undesirable health effects**

Possible minor irritation after prolonged contact due to the sodium chloride.  
In large quantities, possible slight irritation of the respiratory passage due to the sodium chloride

### SECTION 3 Ingredient composition/information

**Substance/Mixture** This product is a substance.

Primary ingredient: Sodium chloride  
EINECS Number: 231-598-3  
CAS Number: 7647-14-5  
Molecular formula: NaCl  
Molecular mass: 58.44g

Additives: Sodium decahydrate hexacyanoferrate  
(if the product is treated with an anti-caking agent)

Known hazardous ingredients: None.

### SECTION 4 First aid

#### 4.1. Description of first aid measures

**-Inhalation** In case of dust inhalation, take the victim out into fresh air and lay them down. Call for medical assistance in case of respiratory difficulties.  
**- Contact with skin** Wash in lots of water.

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Ask for medical assistance in case of irritation.

- **Contact with the eyes**                      Rinse immediately with lots of water. Consult an ophthalmologist if irritation occurs
  
- **Ingestion**                                      If the person is conscious, give him or her a glass of water. Do not attempt to induce vomiting without prior instruction.  
Consult medical assistance in the event of major ingestion.

### **4.2. Principal symptoms and effects, acute and long-lasting**

No information/data available

### **4.3. Indication of potential immediate medical help and specific treatment necessary**

No information/data available.

## **SECTION 5 Firefighting measures**

### **5.1. Extinguishing media**

- **Appropriate extinguishing agents**                      All extinguishing agents are suitable in case of fire in proximity to the product.

### **5.2. Specific hazards arising from the substance or mixture**

- Dangerously combustible products**                      Exposed to high temperatures and in large quantities, the product may release dangerous decomposition products such as carbon monoxide and dioxide.

### **5.3. Advice to fire-fighters**

#### **Special protective equipment for fire-fighters**

Wear breathing apparatus appropriate to the premises and to the risks associated with nearby products.

## **SECTION 6 Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

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Avoid contact with the eyes  
Personal protection: see section 8.

### 6.2. Environmental precautions

**Environmental precautions** Do not dispose of in natural waterways, drains or onto the ground.

### 6.3. Confinement and cleaning methods and material

**Cleaning methods** Recuperate the spilt product and place in an appropriate container.  
Rinse abundantly with water.

### 6.4. Reference to other sections

None necessary

## SECTION 7 Handling and storage

### 7.1. Precautions to take for safe handling

**Handling** Personal protection: see section 8  
Avoid contact with the eyes.  
Under no circumstances eat, drink or smoke in the workplace.

### 7.2. Necessary conditions for safe storage, taking into account potential incompatibilities

**Storage** Store this product in a cool, dry place  
It is recommended to use salt-resistant materials for machines, installations and constructions.

### 7.3. Specific end uses

Salt for highway winter maintenance

## SECTION 8 Exposure control/personal protection

### 8.1. Control parameters

**Professional exposure limits** Workplace Exposure Limits (UK HSE EH40)

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Long Term Exposure Limit (8hr time weighted average)

Total Inhalable Dust: 10 mg/m<sup>3</sup>

Respirable Dust: 4 mg/m<sup>3</sup>

### 8.2. Exposure control

**- Respiratory protection**

Wear a breathing apparatus while working in the presence of a high level of airborne NaCl particles. Anti-aerosol/dust filters type P1 (in compliance with the standard EN143).

**- Hand protection**

Neoprene or nitrile type gloves, in compliance with the standard EN374). In case of repeated or prolonged skin contact, it is advisable to wear gloves.

**- Eye protection**

Eye protection is recommended in case of excessive dust generation. Safety goggles (in compliance with the standard EN 166).

**Industrial hygiene**

Wash your hands after working with the product.

### SECTION 9 Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Physical state at 20°C:</b>	Crystalline powder. Agglomerated or non-agglomerated crystals in granules or tablets
<b>Colour:</b>	White.
<b>Odour:</b>	Odourless.
<b>pH:</b>	In an aqueous solution at 100g/l: 6.7-9.0.
<b>Fusion point [°C]:</b>	801.
<b>Boiling point [°C]:</b>	Not applicable.
<b>Flash point [°C] (see):</b>	Not applicable.
<b>Rate of evaporation:</b>	Not applicable.
<b>Inflammability (solid, gas):</b>	Not combustible.
<b>Explosivity limit:</b>	Not applicable.
<b>Vapour pressure [20°C]:</b>	Not applicable.
<b>Relative vapour density (air=1):</b>	Not applicable.
<b>Density:</b>	In a saturated solution at 20°C: 1.2.
<b>Water solubility:</b>	35.85g % g water.
<b>Log P (octanol/water) at 20°C:</b>	Not applicable.
<b>Self-combustion temperature [°C]:</b>	No data available.

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**Decomposition point [°C]:** No data available.

**Viscosity:** Not applicable.  
**Explosivity:** Non-explosive.  
**Combustive properties:** Not combustive.

## 9.2. Other information

Relative humidity at equilibrium at 20°C: 75.3%.

## SECTION 10 Stability and reactivity

### 10.1 Reactivity

No information/data available.

### 10.2. Chemical stability

The product is chemically stable.

### 10.3. Possibility of dangerous reactions

Not subject to dangerous reactions.

### 10.4. Conditions to avoid

See section 7.

### 10.5. Incompatible materials

Oxidizing agents, strong acids, strong bases.

### 10.6. Hazardous decomposition products

In case of fire: see section 5.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** No known toxicity, LD50: 3.75g/kg (oral, rat).

**Chronic toxicity** The components are not included in the list of carcinogenic, mutagenic or teratogenic substances classified by the EU.  
No potential long term health effect is to be considered.

### Information on the probable means of exposure

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- |                                |  |
|--------------------------------|--|
| - <b>Inhalation</b>            | In large quantities, the dust can cause irritation to the respiratory passages due to the sodium chloride. |
| - <b>Contact with the eyes</b> | Possible slight irritation upon prolonged contact due to the sodium chloride.                              |
| - <b>Contact with the skin</b> | Possible slight irritation upon prolonged contact due to the sodium chloride.                              |
| - <b>Ingestion</b>             | No risk for normal use.  |

### SECTION 12 Ecological information

#### 12.1. Toxicity

**About the product** Do not dispose of in natural waterways, drains or onto the ground.

**Ecotoxic effects** Toxicity regarding:  
 - Water fleas: C.L. 50-24h: 4.800mg/l  
 - Fish – Zebra-fish: C.L. 50-24h: 9.000mg/l

#### 12.2 Persistence and degradability

No information/data available.

**Biodegradability** No data available

#### 12.3. Bioaccumulation potential

Not bioaccumulable.

#### 12.4. Soil mobility

Has an influence on the surface of plants (metabolic disturbance) and on the soil (mineral imbalance).

#### 12.5. PBT and VPVB evaluation results

No information/data available.

#### 12.6 Other harmful effects

No information/data available.

### SECTION 13 Disposal considerations

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## Marine White Deicing Salt

### 13.1. Waste treatment methods

<b>General points</b>	Destroy in compliance with local/national safety regulations in force.
<b>Product waste disposal</b>	Disposal should be in accordance with local, state or national legislation

### SECTION 14 Transport Information

**General information**                      **The product is not subject to transport restrictions: - By road RID/ADR – By sea OMI/IMDG – By air OACI/IATA**

#### **14.1. UN number**

Not classed in transport of Dangerous Merchandise.

#### **14.2. UN expedition name**

Not classed in transport of Dangerous Merchandise.

#### **14.3. Transport danger classification**

Not classed in transport of Dangerous Merchandise.

#### **14.4. Packaging group**

Not classed in transport of Dangerous Merchandise.

#### **14.5. Environmental dangers**

- Marine-IMDG pollutant                      No.

#### **14.6. Specific precautions to be taken by the user**

No specific precautions (product not transport classified).

#### **14.7. Loose transport complying with annex II of the MARPOL convention 73/78 and IBC collection**

Not concerned.

### SECTION 15 Regulatory information

#### **15.1. Substance and/or mixture-specific regulations relating to health, safety and the environment**

Ensure that all national and local regulations are adhered to.

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### **15.2. Chemical safety evaluation**

No information/data available.

### **SECTION 16 Other information**

**Revision**                      This SDS has been revised according to Regulation (EC) 2015/830.

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