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

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.
Ask for medical assistance in case of irritation.

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- 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

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

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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) Long Term Exposure Limit (8hr time weighted average) Total Inhalable Dust: 10 mg/m3 Respirable Dust: 4 mg/m3

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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

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

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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

- Inhalation In large quantities, the dust can cause irritation to the respiratory passages due to the sodium chloride.

- Contact with the eyes Possible slight irritation upon prolonged contact due to the sodium chloride.

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- Contact with the skin	Possible slight irritation upon prolonged contact due to the sodium chloride.
- Ingestion	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

13.1. Waste treatment methods

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

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Marine White Deicing Salt

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.

15.2. Chemical safety evaluation
No information/data available.

SECTION 16 Other information

Revision This SDS has been revised according to Commission Regulation (EU 2020/878)

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