Purified Brine

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Address/Phone No.: J C Peacock & Co Ltd
North Harbour
Ayr
KA8 8AE
E-mail: info@peacocksalt.co.uk

Emergency Phone No.: IN AN EMERGENCY DIAL 999 (UK only) or 112 (EU)
For specialist advice in an emergency telephone 01292 292025

Use of Substance / Preparation: chemical manufacture, food and pharmaceutical applications.

2. HAZARDS IDENTIFICATION

EC Classification: Not classified as Dangerous according to EC Directive 67/548/EEC.

Hazards
May cause irritation to skin, eyes and gastrointestinal tract.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT DESCRIPTION: Saturated solution of sodium chloride

Alternative names : Ammonia soda quality brine (AS Brine) , Mercury cell quality brine (MC Brine)
Raw Brine , Crude Brine

CAS No. 007647-14-5

EC No. 231-598-3

3.1 HAZARDOUS INGREDIENT(S)

Contains no Hazardous Ingredients in accordance with EC Regulation 1907/2006.

4. FIRST AID MEASURES

Inhalation
Unlikely to be required but if necessary, treat symptomatically.
Skin Contact
Wash skin with water.
Eye Contact
Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes.
If symptoms persist, obtain medical attention.

Important Note: The information contained in this document is given in good faith and is to the best of suppliers Knowledge correct at the date of publication, but it is for the users to satisfy themselves of the suitability of the product for their purpose.

Ingestion
Vomiting is likely. Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Obtain
medical attention, especially if vomiting has not occurred.
Further Medical Treatment
Symptomatic treatment and supportive therapy as indicated.

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5. FIRE-FIGHTING MEASURES

Non-combustible.
Extinguishing Media As appropriate for surrounding materials/equipment.
Fire Fighting Protective Equipment No special requirements.

6. ACCIDENTAL RELEASE MEASURES

Clear up spillages. Transfer to a container for disposal. Wash the spillage area with water.
Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

7. HANDLING AND STORAGE

7.1 HANDLING
Avoid prolonged skin contact. Keep away from strong acids and common metals.

7.2 STORAGE
Keep away from strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

If prolonged or excessive skin contact is likely: Wear suitable protective clothing and gloves.
If splashing or mist is likely to occur: Wear eye/face protection.
Good working practice suggests gloves and goggles should be worn.

8.1 Occupational Exposure Limits
No Occupational Exposure Limit Assigned

9. PHYSICAL AND CHEMICAL PROPERTIES

These properties are the most relevant and no other properties are available.
Form liquid
Colour colourless
Odour None
pH (Value) 7.5 - 11.5
Boiling Point (Deg C) >107

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10. STABILITY AND REACTIVITY

Hazardous Reactions Reacts with acids to yield carbon dioxide. Reaction with concentrated acid will produce hydrogen chloride. Will corrode many common metals, particularly iron, aluminium and zinc.

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11. TOXICOLOGICAL INFORMATION

This health hazard assessment is based on a consideration of the composition of this product.
Inhalation
Mist may be irritant to the respiratory tract.
Skin Contact
May cause irritation to skin.
Eye Contact
May cause irritation to eyes.
Ingestion
The swallowing of small amounts is unlikely to cause any adverse effects. Large doses may result in irritation of the gastrointestinal tract
leading to nausea, vomiting and diarrhoea.
Long Term Exposure
Repeated ingestion of excessive amounts may cause disturbance of body electrolyte and fluid balance.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution
High tonnage material used in open systems. Liquid with low volatility.
The product has no potential for bioaccumulation. The product is predicted to have high mobility in soil.
Toxicity
Large spillages may cause severe damage to land vegetation and organisms and to aquatic life.
Effect on Effluent Treatment
Concentrations sufficient to render effluent alkaline may cause damage to effluent treatment organisms.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

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15. REGULATORY INFORMATION

Not Classified as Dangerous for Supply/Use.
Name & Address of Supplier: INEOS Enterprises Limited
Runcorn Site HQ
South Parade, PO Box 9
Runcorn, Cheshire, WA7 4JE
Tel : (01928) 561111, Fax : (01928) 516632

Name of Substance or Preparation:

SODIUM CHLORIDE BRINE

UK Control Regulations Control of Substances Hazardous to Health Regulations (COSHH) 2002 SI 2002/2677 and COSHH Essentials: Easy steps to control chemicals - Control of Substances Hazardous to Health Regulations HSG193.

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16. OTHER INFORMATION

This data sheet was prepared in accordance with EC Regulation 1907/2006.
The following sections contain revisions or new statements: 1, 11, 15, 16
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