

Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Himalayan Pink Salt Medium (2-5mm)
CAS number: 7647-14-5
EINECS number: 231-598-3
Synonyms: -
INCI name: Sodium Chloride

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance/mixture: Chemical manufacture and processing. Water treatment. Food and feed industry. Laboratory chemical. Highways de-icing.
Uses advised against: None.

1.3. Details of the supplier of the safety data sheet

Company name: Bath and Body Base Ltd
2A Laurel Way
Bishop Auckland
Co. Durham
DL14 7NF
Tel: 07493 064263
Email: technical@bathandbodybase.com

1.4. Emergency telephone number

Emergency tel: 07493 064263

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP): Not classified as dangerous for supply/use.

2.2. Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Hazard statements: None.
Signal words: None.
Hazard pictograms: None.
Precautionary statements: None.

Section 3: Composition/information on ingredients**3.1. Substances**

Substances: Hazardous Ingredients: Sodium Chloride
CAS No.: 7647-14-5
EC No./REACH registration No.: 231-598-3
%W/W: >99.9
Hazard Statement(s): Not Classified
Hazard Pictogram(s): None

3.2. Mixtures

Mixtures: Not applicable.

Section 4: First aid measures**4.1. Description of first aid measures**

Skin contact: Wash skin with soap and water.

Eye contact: Flush eyes with water for at least 15 minutes. If symptoms develop, obtain medical attention.

Ingestion: Wash out mouth with water. Do not induce vomiting. Obtain immediate medical attention if ill effects occur.

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects: Large doses may result in irritation of the gastrointestinal tract leading to nausea, vomiting and diarrhoea. Dehydration and congestion may occur in internal organs.

May cause physical abrasion in contact with skin and eyes. Dust may have irritant effect on eyes. High concentrations of dust may be irritant to the respiratory tract. Repeated exposure by inhalation may produce adverse effects on the lungs.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate/special treatment: Unlikely to be required but, if necessary, treat symptomatically. Low acute toxicity under normal conditions of handling and use.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Suitable extinguishing media: As appropriate for surrounding fire.

Unsuitable extinguishing media: None.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Low fire hazard.

5.3. Advice for fire-fighters

Advice for fire-fighters: A self-contained breathing apparatus and full protective clothing should be worn in fire conditions. Potential hazard from the combustion of packaging materials.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Avoid dust generation. Avoid breathing dust. Wear suitable gloves and eye/face protection.

6.2. Environmental precautions

Environmental precautions: Avoid release to the environment. Contain spillages. Transfer to a lidded container for disposal or recovery.

Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Sweep up solid substance. Transfer to a container for disposal or recovery. Wash the spillage area with water.

6.4. Reference to other sections

Reference to other sections: Refer to Section 8 and 13.

Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements: Avoid prolonged skin contact. Avoid dust generation. Avoid inhalation of high concentrations of dusts. Provide adequate ventilation where operational procedures demand it. 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in dry place. Keep only in the original container in a cool, well-ventilated place away from moisture.

Storage temperature: Ambient.

Storage life: Stable under normal conditions. See Section 10.

Incompatible materials: Strong acids, see Section 10.

7.3. Specific end use(s)

Specific end use(s): Contact supplier for further information. See also Section 1.

Section 8: Exposure controls/personal protection
8.1. Control parameters

Occupational exposure limits: Sodium chloride: No occupational exposure limit assigned.

Region: United Kingdom

Source: UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020).

Substance	CAS No.	LTEL (8hr TWA ppm)	LTEL (8hr TWA mg/kg ³)	STEL (ppm)	STEL (mg/m ³)	Notes
Inhalable dust	Not applicable		10			
Respirable Dust	Not applicable		4			

PNEC/DNEL:

Sodium Chloride			
DNEL/DMEL	Oral	Inhalation	Dermal
Industry - Long Term - Local effects			
Industry - Long Term - Systemic effects		2069mg/km ³	296mg/kg bw/day
Industry - Short Term - Local effects			
Industry - Short Term - Systemic effects		2069mg/km ³	296mg/kg bw/day
Consumer - Long Term - Local effects			
Consumer - Long Term - Systemic effects	127mg/kg bw/day	443mg/kg ³	127mg/kg bw/day
Consumer - Short term - Local effects			
Consumer - Short Term - Systemic effects	127mg/kg bw/day	443mg/kg ³	127mg/kg bw/day

Sodium Chloride	
Environment	PNEC
Aquatic Compartment (Including Sediment)	Fresh water: 5mg/l Marine water: Not applicable Intermittent releases: 19mg/l Sewage treatment plant: 500mg/l Fresh water sediment (dry): N/A Marine water sediment (dry): N/A
Terrestrial Compartment	Soil (dry) 4.86 mg/kg
Atmospheric Compartment	N/A

8.2. Exposure controls

Engineering measures: Appropriate engineering controls Ensure adequate ventilation. Atmospheric levels should be controlled in compliance with the occupational exposure limit.

Respiratory protection: Normally no personal respiratory protection is necessary. An approved dust mask should be worn if dust is generated during handling. A suitable dust mask or dust respirator with filter type P (EN143 or EN405) may be appropriate.

Eye protection: Wear suitable eye/face protection. If dust is likely to be generated wear goggles giving complete protection to eyes.

Skin protection:	Wear protective gloves. The following materials are suitable for protective gloves (permeation time \geq 8 hours): Nitrile rubber (0.35mm), PVC (0.5mm), Butyl rubber (0.5mm), Fluorocarbon rubber (0.4 mm), Polychloroprene CR (0.5 mm), Natural rubber (0.5mm). Check with protective equipment manufacturer's data.
Thermal hazards:	None known.
Environmental:	Do not release large quantities into the surface water or into drains.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Crystalline Solid
Colour:	Colourless
Odour:	Odourless
Odour threshold:	Not established.
pH:	Not applicable.
Melting point/freezing point:	801°C
Initial boiling point and boiling range:	1461°C
Flashpoint:	Not applicable.
Evaporation rate:	Not applicable.
Flammability (solid, gas):	Non-flammable.
Upper/lower flammability or explosive limits:	Not applicable.
Vapour pressure:	1.33hPa @ 865°C
Vapour density:	No data available.
Density (g/ml):	2.16
Relative density:	2.17
Solubility (water):	Freely soluble 317g/l @ 20°C
Solubility (other):	Insoluble.
Partition coefficient n-octanol/water:	Not applicable.
Auto-ignition temperature:	Not applicable.
Decomposition temperature (°C):	No data available.
Viscosity:	Not applicable.
Explosive properties:	Not explosive.
Oxidising properties:	Not oxidising.

9.2. Other information

Other information:	None.
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Section 10: Stability and reactivity
10.1. Reactivity

Reactivity: None anticipated.

10.2. Chemical stability

Chemical stability: Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous reactions: Reaction with concentrated acid will produce hydrogen chloride.

10.4. Conditions to avoid

Conditions to avoid: Dust generation. Avoid accumulation of dust. Under wet conditions, will corrode many common metals, particularly iron, aluminium and zinc.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition product

Haz. decomp. products: None.

Section 11: Toxicological information
11.1. Information on toxicological effects

Acute toxicity - ingestion	Not classified. LD50 (rat): 3,550mg/kg bw May cause vomiting and diarrhoea. The swallowing of small amounts is unlikely to cause any adverse effects.
Acute toxicity - skin contact:	Not classified. LD50 (rabbit): >10,000mg/kg bw
Acute toxicity – inhalation:	Not classified. LD50 (1 hour(s)) (rat): >42mg/l
Skin corrosion/irritation:	Not classified. May cause physical abrasion in contact with skin repeated or prolonged contact may result in dryness leading to mild irritation.
Serious eye damage/irritation:	Not classified. May cause physical abrasion in contact with eyes. Dust may cause irritation.
Skin sensitization data:	Not classified.
Respiratory sensitization data:	Not classified.
Germ cell mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive toxicity:	Not classified.
Lactation:	Not classified.

STOT - single exposure:	Not classified. High concentrations of dust may be irritant to the respiratory tract.
STOT - repeated exposure:	Not classified. Repeated exposure by inhalation may produce adverse effects on the lungs. Repeated ingestion of excessive amounts may cause disturbance of body electrolyte and fluid balance.
Aspiration hazard:	Not classified.

11.2. Other information

Other information:	The product is biologically inert. Large doses may result in irritation of the gastrointestinal tract leading to nausea, vomiting and diarrhoea. Dehydration and congestion may occur in internal organs.
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Section 12: Ecological information

12.1. Toxicity

Toxicity:	Low toxicity to aquatic organisms. Not classified.
Toxicity - aquatic invertebrates:	Low toxicity to invertebrates. Not classified. LC50 (Daphnia magna) (48 hour): 874mg/l NOEC (Daphnia magna) (7 day): 354mg/l
Toxicity - fish:	Low toxicity to fish. Not classified. LC50 Bluegill Sunfish (L. macrochirus) (96 hour): 5840mg/l NOEC (33 days) (Fathead minnow (Pimephales promelas)): 252mg/l
Toxicity - algae:	Not classified. EC50 (Nitzschia linearis) (120 hour(s)): 2,430mg/l EC10 (Microorganisms): 5,000mg/l
Toxicity - sediment compartment:	Not classified.
Toxicity - terrestrial compartment:	Not classified. Soil micro-organisms EC50 (Short term): 3,296mg/kg Soil (Dry) EC10 (Long Term): 3,507mg/kg Soil (Dry)

12.2. Persistence and degradability

Persistence and degradability:	The product shows no evidence for biodegradability in water. The product shows no evidence for biodegradability in soil.
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12.3. Bioaccumulative potential

Bioaccumulative potential:	The product has no potential for bioaccumulation.
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12.4. Mobility in soil

Mobility:	The product is predicted to have high mobility in soil.
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12.5. Results of PBT and vPvB assessment

Results:	Not classified as PBT or vPvB.
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12.6. Other adverse effects

Other adverse effects: Not known.

Section 13: Disposal considerations

13.1. Waste treatment methods

Product: Recover and reclaim or recycle, if practicable. Do not discharge into drains or the environment, dispose to an authorised waste collection point.

Additional information: No special precautions are required for this product.

Section 14: Transport information

UN number or ID number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class(es): Not applicable.

Packaging group: Not applicable.

Environmental hazards: Not classified as a Marine Pollutant.

Special precautions for user: Not known.

Transport in bulk according to Annex II of Marpol and the IBC Code: Not known.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation
Not listed

REACH: ANNEX XIV list of substances subject to authorisation
Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures, and articles
Not listed

Community Rolling Action Plan (CoRAP)
Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants
Not listed

Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer
Not listed

SEVESO Substance (Directive 2012/18/EU)
No.

National regulationsGermany

Wassergefährdungsklasse (WGK) Kenn-Numm: 270 WGK class 1 (official).

15.2. Chemical Safety Assessment

Chemical safety assessment: A REACH chemical safety assessment has not been carried out.

15.3. Inventory status

Inventory status: Listed in: Australia (AICS), Canada (DSL/NDL), China (IECSC), European Union (EINECS/ELINCS), Japan (ENCS), New Zealand Inventory (NZIoC), Philippines (PICCS), South Korea (KECI), Switzerland, Taiwan (NECI), Thailand, Turkey, United States (TSCA).

Section 16: Other information**16.1. Other information**

Other information: * Indicates text in the SDS which has changed since the last revision.

Legal disclaimer:

This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product.

Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

Compliance with all appropriate local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this document should be provided to your employees or customers.