

SAFETY DATA SHEET

Section 1: Identification of the substance and of the company

Product Name: Coarse Salt

Chemical Name: Sodium Chloride

Company Identification

Acorn Water Ltd

Glasslyn Rd

Bandon

Co. Cork

Rep. Of Ireland

Tel: +353 23 88 43466

Fax: +353 23 88 43467

E-mail: info@acornwater.ie

Emergency Tel No: +353 23 88 43466

MSDS NO: 1516

CAS NO: 7647-14-5

Revision No: 02

Revision Date: 29/09/09

Supercedes:01

Health & Safety Manager: A. Holland

REACH Reg No.150605

Section 2: Hazards Identification

Eye/Skin contact: May be irritating to eyes and skin.

Inhalation: Not classified as hazardous

Ingestion: Not classified as hazardous

Section 3: Chemical composition/Information on Ingredients

Appearance: Crystalline white odorless soluble in water

Chemical Name:	CAS-No.	EINECS No.	Concentration %	Classification
Sodium Chloride	7647-14-5	231-598-3	98-100	-
Additives: anti-caking agent	-	-	5-15ppm	-

Section 4: First Aid

Eye/Skin contact: The substance is not dangerous. However, over exposure or contact with open wounds may cause irritation. Wash with water for at least 15 minutes (open eyes).

Inhalation: The substance is not dangerous by inhalation

Ingestion: Do not induce vomiting. The substance is not dangerous. Large amount of water may harm. Obtain medical attention.

Section 5: Fire fighting measures

Fire: Not combustible

Suitable extinguishing media: Use extinguishing media appropriate to surrounding fire conditions.

Wear fully protective suit and self-contained respiratory protective device.

Section 6: Accidental release measures

Avoid raising dust.

Wear protective gear and gloves. Scoop up materials into containers for later disposal (according to the local regulations). Wash the spilled area with water.

Section 7: Handling and Storage

Keep away from incompatible materials (see section 10).

Safety phrases:

S22: Do not breathe dust.

S25: Avoid contact with eyes.

Do not store together with strong oxidizing agents.

Keep container tightly closed and dry.

Section 8: Exposure controls/ Personal Protection

Threshold values: Not available.

Personal Protective equipment: Generally, personal protection is a function of exposure. It is recommended to use working shoes, working clothes or lab coat. Working should be done in a wellventilated

area. In addition: mask and filter for particles type P.

Respiratory protection: If the exposure limit is exceeded and engineering controls are not feasible, use particulate respirator.

In case of an emergency: Full protective gear and a self-contained breathing apparatus should be used, according to the severity.

Section 9: Physical and Chemical Properties

General information:

Form: crystalline

Color: white

Boiling point °C: 1413

Melting point °C: 801

Molecular weight: 58.45

Density gr/cm³ : 2.165 at 25°C

Vapor density (air=1): N/A

Vapor pressure (mm Hg): N/A

Solubility (in water): Soluble

pH: N/A

Flash point °C: Non-flammable

Auto-ignition temperature °C: N/A

LEL: N/A UEL: N/A

Viscosity: N/A

Section 10: Stability and reactivity

Hazardous polymerization: Will not occur.

Chemical reactivity: Stable. May react with alkali metals.

Hazardous decomposition products: Oxides of sodium and HCl.

Section 11: Toxicological Information

Sodium chloride:
LD50 (oral rat) 3000 mg/kg
LD50 (absorption through skin rabbit) 10000 mg/kg
LC50 (inhalation rat) 42000 mg/m³ (60 minutes)
Carcinogenicity:
No data available.

Section 12: Ecological Information

Environmental hazards: No data available.
Biodegradability: No data available.

Section 13: Disposal Considerations

Dispose of in accordance with local regulations.

Section 14: Transport Information

Non-hazardous for air, sea and road transportation.

Section 15: Regulatory Information

Labeling in accordance with EC directives: No specific marking required according to EC-Regulations 67/548
R-phrases: Not available
S-phrases:
S22: Do not breathe dust.
S25: Avoid contact with eyes.

Section 16: Other Information

Full text of R-phrases with No. appearing in section 2:
Not available
RTECS: VZ4725000
NFPA Ratings: Health: 1 Flammability: 0 Reactivity: 0
Date of issue: 29th September 2009
According to Commission Directive 2001/59/EC

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