

## SAFETY DATA SHEET

Revision date 2.08.2010.

Review date 6.04.2012.

Date of print 26.01.2012.

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

<b>Product.</b>	Sodium Chloride
<b>CAS-No.</b>	7647-14-5
<b>EC No.</b>	231-598-3
<b>Synonyms, trade names:</b>	Granular Salt, Rock Salt, PDV Salt, Sea Salt, Salt Tablets, Granulite, Aquasol, Hydrossoft
<b>Supplier.</b>	Woburn Chemicals Ltd. Chesney Wold Bleak Hall Milton Keynes MK6 1LQ.
<b>Tel.</b>	01908 670081.

## 2. HAZARDS IDENTIFICATION.

<b>Classification (67/548)</b>	-
<b>Classification (EC 1272/2008)</b>	
<b>Physical</b>	Not classified.
<b>Health</b>	Not classified.
<b>Environmental</b>	Not classified.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS.

<b>Chemical name:</b>	Sodium Chloride
<b>EC No:</b>	231-598-3
<b>CAS-No.</b>	7647-14-5

## 4. FIRST AID MEASURES.

**Inhalation:** Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if discomfort continues.

**Ingestion:** Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues. Do not induce vomiting.

**Skin contact:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

**Eye contact:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## 5. FIRE FIGHTING MEASURES.

**Extinguishing media:** This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**Specific hazards:** When heated and in case of fire, irritating vapours/gases may be formed.

**Protective measures in fire:** Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. ACCIDENTAL RELEASE MEASURES.

**Personal precautions:** Wear protective clothing as described in Section 8 of this safety data sheet.

**Environmental precautions:** Do not discharge onto the ground or into water courses.

**Spill cleanup methods:** Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

## 7. HANDLING AND STORAGE.

**Usage precautions:** Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.

**Storage precautions:** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.



**Protective equipment:**

**Engineering measures:** Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

**Respiratory equipment:** No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m<sup>3</sup>.

**Hand protection:** Use suitable protective gloves if risk of skin contact.

**Eye protection:** Wear approved safety goggles.

**Hygiene measures:** DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## 9. PHYSICAL AND CHEMICAL PROPERTIES.

<b>Appearance:</b>	Crystalline powder, Solid crystals or granules
<b>Colour:</b>	White
<b>Boiling point:</b>	1413 – 1465°C
<b>Melting point:</b>	8.1 – 802°C
<b>Relative density:</b>	2.165 – 2.170 g/ml
<b>Vapour pressure:</b>	2.4 mm/Hg 747
<b>Solubility:</b>	Soluble in water
<b>pH-value, conc. solution:</b>	7.5 at 18°C
<b>Solubility value (g/100g H<sub>2</sub>O at 20°C):</b>	31% at 18°C

## 10. STABILITY AND REACTIVITY.

**Stability:** Stable under normal temperature conditions.

**Conditions to avoid:** Avoid excessive heat for prolonged periods of time.

**Hazardous decomposition products:** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## 11. TOXICOLOGICAL INFORMATION.

**Toxic dose 1 - LD 50:** 3000 mg/kg (oral rat)

**Inhalation:** Dust in high concentrations may irritate the respiratory system.

**Ingestion:** May cause discomfort if swallowed.

**Skin contact:** Powder may irritate the skin.

**Eye contact:** Particles in the eyes may cause irritation and smarting.

## 12. ECOLOGICAL INFORMATION.

**Ecotoxicity:** Not regarded as dangerous for the environment.

**LC50, 96 Hrs, Fish:** 6750mg/l

**EC50, 48 Hrs, Daphnia:** 2024mg/l

**IC50, 72 Hrs, Algae:** 3014mg/l

**Mobility:** The product is soluble in water.

**Degradability:** The product is not readily biodegradable.

**Water hazard classification:** WGK 1

**13. DISPOSAL CONSIDERATIONS.**

**General information:** Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**Disposal methods:** Dispose of waste and residues in accordance with local authority requirements.

**14. TRANSPORT INFORMATION.**

**General:** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15. REGULATORY INFORMATION.**

**EU Directives:** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**Statutory instruments:** Chemicals (Hazard Information and Packaging) Regulations.

**Approved code of practice:** Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

**Guidance notes:** CHIP for everyone HSG(108).

**16. OTHER INFORMATION.**

This information is based on our present knowledge and is intended to describe our products from point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

The user must satisfy himself that the product is entirely suitable for his purpose.