

# CLEENOL

For a cleaner, safer world

## SAFETY DATA SHEET WATER SOFTENER SALT (BRICKETTES & GRANULAR)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	WATER SOFTENER SALT (BRICKETTES & GRANULAR)
Internal identification	Granular - 08318GRAN, 083X3GRAN. Brickettes - 083180
Container size	Granular 10, 3x3kg, Brickettes - 10kg

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

Identified uses	For use in water softening units and some dishwashing systems.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	Cleenol Group Ltd Neville House Beaumont Road Banbury Oxon OX16 1RB UK Tel: +44 (0)1295 251721 sales@cleenol.co.uk
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#### 1.4. Emergency telephone number

Emergency telephone	In case of a medical emergency following exposure to a chemical, call NHS Direct via 111 (UK only).
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

#### 2.2. Label elements

Hazard statements	NC Not Classified
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#### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Composition comments	None of the ingredients are required to be listed.
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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Due to the physical nature of this product, exposure by this route is unlikely.
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<b>Ingestion</b>	Give plenty of water to drink. Get medical attention if symptoms are severe or persist.
<b>Skin contact</b>	No special treatment required.
<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention if irritation persists after washing.

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

<b>Inhalation</b>	The product is not believed to present a hazard due to its physical nature.
<b>Ingestion</b>	May cause discomfort.
<b>Skin contact</b>	No adverse effects known.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations.
<b>Specific treatments</b>	Treat symptomatically.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	None known.
<b>Hazardous combustion products</b>	None known.

### **5.3. Advice for firefighters**

<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials. Firefighter's clothing will provide a basic level of protection for chemical incidents.
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## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Avoid contact with eyes.
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### **6.2. Environmental precautions**

<b>Environmental precautions</b>	Not regarded as dangerous for the environment.
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### **6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Collect spillage with a shovel and broom, or similar and reuse, if possible.
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### **6.4. Reference to other sections**

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
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## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

<b>Usage precautions</b>	No specific recommendations.
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## WATER SOFTENER SALT (BRICKETTES & GRANULAR)

### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Protect from moisture.
<b>Storage class</b>	Unspecified storage.

### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2. Refer to Product Use Guide (PUG) for further information.
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## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

<b>Ingredient comments</b>	No exposure limits known for ingredient(s).
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### 8.2. Exposure controls

#### **Protective equipment**

<b>Eye/face protection</b>	No specific eye protection required during normal use.
<b>Hand protection</b>	Hand protection not required.
<b>Hygiene measures</b>	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
<b>Respiratory protection</b>	No specific recommendations.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Crystalline solid.
<b>Colour</b>	Colourless. White.
<b>Odour</b>	Odourless.
<b>pH</b>	pH (diluted solution): 7 (at all concentrations)
<b>Melting point</b>	800°C
<b>Initial boiling point and range</b>	1465°C
<b>Flash point</b>	Not applicable.
<b>Bulk density</b>	2170 kg/m <sup>3</sup>
<b>Solubility(ies)</b>	360 g/l water @ 25°C
<b>Auto-ignition temperature</b>	Not applicable.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

<b>Refractive index</b>	1.54
<b>Volatility</b>	Not applicable.
<b>Volatile organic compound</b>	Not applicable.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No potentially hazardous reactions known.

### 10.4. Conditions to avoid

**Conditions to avoid** There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

**Materials to avoid** None known. No specific requirements are anticipated under normal conditions of use.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** Information given is based on data of the components and of similar products.

**Inhalation** The product is not believed to present a hazard due to its physical nature.

**Ingestion** May cause discomfort.

**Skin contact** No adverse effects known.

**Eye contact** May cause temporary eye irritation.

## SECTION 12: Ecological information

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

### 12.1. Toxicity

**Toxicity** The product is not believed to present a hazard due to its physical nature.

### 12.2. Persistence and degradability

**Persistence and degradability** The product contains only inorganic substances which are not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No potential for bioaccumulation.

### 12.4. Mobility in soil

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

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## WATER SOFTENER SALT (BRICKETTES & GRANULAR)

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

<b>General information</b>	Dispose of waste via a licensed waste disposal contractor.
<b>Disposal methods</b>	The product is designed and intended for disposal in public sewers after use.

### SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

##### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### SECTION 15: Regulatory information

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

<b>Guidance</b>	EH40/2005 Workplace exposure limits Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations 2002 (as amended) Health and Safety Executive
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#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Issued by</b>	Regulatory Chemist
<b>Revision date</b>	07/07/2021
<b>Revision</b>	4
<b>Supersedes date</b>	07/07/2021

## WATER SOFTENER SALT (BRICKETTES & GRANULAR)

**SDS number**                      21188

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