

# SAFETY DATA SHEET

## CalDensate acidic neutraliser



This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

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

#### 1.1 Product identifier

CalDensate

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

Acidic neutraliser for central heating boiler condensate.

#### 1.3 Details of the supplier of the safety data sheet

Calmag (Yorkshire) Ltd  
Units 3-6 Crown Works  
Bradford Road  
Keighley  
West Yorkshire  
BD20 5LN  
Tel: 01535 210320  
Fax: 01535 210321  
Email: [sales@calmagltd.com](mailto:sales@calmagltd.com)  
Web: [www.calmagltd.com](http://www.calmagltd.com)

#### 1.4 Emergency telephone number

Tel: 01535 210320 (9.00am - 5.00pm Mon-Fri except Public Holidays).

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

##### Classification in accordance with the Dangerous Preparations Directive 1999/EC

None

##### Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

None

#### 2.2 Label elements

##### Labelling in accordance with the Dangerous preparations Directive 1999/45/EC

None required

##### Labelling in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

None required

#### 2.3 Other hazards

None

**SECTION 3: Composition****3.1 Substances**

Active calcium carbonate.

**SECTION 4: First Aid Measures****4.1 Description of first aid measures**

**EYE CONTACT:** Wash thoroughly with water for several minutes, holding the eyelids apart. Seek immediate medical attention.

**INHALATION:** Remove from exposure. If breathing becomes difficult call a doctor.

**SKIN CONTACT:** Wash off with soap and water. Seek medical attention if irritation persists.

**INGESTION:** If swallowed, rinse mouth with water. Do NOT induce vomiting. Seek medical attention.

**SECTION 5: Firefighting Measures****5.1 Extinguishing media**

Not flammable.

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

Decomposes to carbon dioxide and carbon oxide at temperatures over 900 degrees Celsius.

**5.3 Advice for fire fighters**

Not flammable.

**SECTION 6: Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing including gloves and eye protection.

**6.2 Environmental precautions**

No precautions necessary.

**6.3 Methods and materials for containment and cleaning up**

Spills should be cleaned up by use of a brushing method collected into an appropriate container and disposed of accordingly. Does not carry any harmful contaminants and can be naturally disposed.

**6.4 References to other sections**

No other references.

**SECTION 7: Handling and Storage****7.1 Precautions for safe handling**

Other than the use of hand and eye protection, no special precautions are required.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in original packaging and avoid the spreading of dust.

**7.3 Specific end uses(s)**

No special precautions.

**SECTION 8. Exposure Controls/Personal Protection****8.1 Control parameters**

None required during normal handling. Normal handling procedures should be observed. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling.

**8.2 Exposure controls**

None required during normal handling. Normal handling procedures should be observed. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling.

**Respiratory protection**

Not usually required. Use in well ventilated areas and avoid formation of dust.

**Hand Protection**

Suitable gloves recommended are nitrile based gloves. PVC or rubber may be suitable but glove manufacturer recommendations should always be checked. Change gloves in accordance with manufacturer recommendations. If gloves are damaged during use, remove immediately and wash hands before replacing with new gloves.

**Eye protection**

Not usually required.

**Skin protection**

Not usually required. If coveralls are used they should be changed after use or if contaminated. Wash before re-use.

**SECTION 9: Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

<b>Appearance:</b>	White stone chippings
<b>Odour:</b>	Typical earth odour
<b>Odour threshold:</b>	No data
<b>pH:</b>	No data
<b>Melting point:</b>	None
<b>Boiling point:</b>	None
<b>Flashpoint:</b>	None
<b>Evaporation rate:</b>	Not applicable
<b>Flammability (solids/gases):</b>	Not applicable
<b>Upper/lower flammability limits:</b>	Not applicable
<b>Vapour pressure:</b>	Not applicable
<b>Vapour density</b>	Not applicable
<b>Relative density</b>	2.7 g/cm <sup>3</sup>
<b>Solubility in water:</b>	Approx 15mg/l at 20 degrees Centigrade
<b>Solubility in other solvents:</b>	No data
<b>Partition coefficient (log Kow)</b>	No data
<b>Autoignition temperature</b>	Not combustible
<b>Decomposition temperature</b>	No data
<b>Viscosity</b>	Not viscous
<b>Explosive properties</b>	Not classified as explosive
<b>Oxidising properties</b>	Not classified as oxidising.

**9.2 Other information**

None.

**SECTION 10: Stability and Reactivity****10.1 Reactivity**

Not considered to be reactive.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Not considered to be hazardous.

**10.4 Conditions to avoid**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

None known.

**SECTION 11: Toxicological Information****11.1 Information on toxicological effects**

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

<b>(a) ingestion</b>	Large amounts ingested may cause irritation to the gastrointestinal tract.
<b>(b) skin corrosion/irritation</b>	Is not classified as irritating to the skin based on consideration of its components; however prolonged contact may cause skin irritation, dryness and cracking.
<b>(c) serious eye damage/irritation</b>	Not applicable.
<b>(d) respiratory/skin sensitisation</b>	May cause respiratory problems if prolonged exposure.
<b>(e) germ cell mutagenicity</b>	Contains no components known to be germ cell mutagens.
<b>(f) carcinogenicity</b>	Contains no components known to be carcinogenicity. Inhalation is also not expected to be a major route of exposure to this product.
<b>(g) reproductive toxicity</b>	Contains no components known to be reproductive toxins.
<b>(h) STOT-single exposure</b>	Contains no components known to cause specific target organ toxicity.
<b>(i) STOT-repeated exposure</b>	Contains no components known to cause specific target organ toxicity.
<b>(j) aspiration hazard</b>	The product is not expected to be an aspiration hazard.

**SECTION 12: Ecological Information**

This product has not been tested. Judgements on this product have been made based upon consideration of its major components.

**12.1 Toxicity**

Not expected to be toxic in the environment.

**12.2 Persistence and degradability**

The organic components are all biodegradable and are not expected to persist in the environment.

**12.3 Bioaccumulative potential**

None of the components are considered to be bioaccumulative.

**12.4 Mobility in soil**

Non-volatile and is a naturally occurring product.

**12.5 Results of PBT and vPvB assessment**

None of the components are known to be PBT or vPvB.

**12.6 Other adverse effects**

None known.

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**SECTION 13: Disposal Considerations****13.1 Waste treatment methods**

Recover and recycle product if possible. If recovery and recycling are not possible dispose of in accordance with local regulations.

**SECTION 14: Transport Information**

Not classified as hazardous for transport.

14.1	UN Number	Not applicable.
14.2	UN Proper shipping name	Not applicable.
14.3	Transport hazard class(es)	Not applicable.
14.4	Packing group	Not applicable.
14.5	Environmental hazards	Not applicable.
14.6	Special precautions for user	None.
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not transported in bulk.

**SECTION 15: Regulatory Information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

All components are listed as existing substances in Europe.

S2: Keep out of the reach of children.

S22: Do not breathe dust particles.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of water.

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

**SECTION 16: Other Information****R Phrases and H Statements**

None.

**Revision information:**

Reformatted in accordance with new REACH Annex II requirements.