

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
Riverview Buildings
Bradford Road
Riddlesden
Keighley
West Yorkshire
BD20 5JH
Tel: 01535 210320
Fax: 01535 210321
Email: sales@calmagltd.com
Web: 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

Not classified as hazardous

2.2 Label elements

No labelling 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 clearing 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

Page 2 of 5

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

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

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

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.

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

SECTION 16: Other Information

Statements
None.

Revision information:

Updated to remove references to DSD and DPD classification and labelling.