

# SAFETY DATA SHEET

## CM 100 Inhibitor



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**  
CM100 Inhibitor
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Corrosion inhibitor
- 1.3 Details of the supplier of the safety data sheet**  
Calmag (Yorkshire) Ltd  
Riverview Buildings  
Bradford Road  
Riddlesden  
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**  
Not classified as hazardous
- 2.2 Label elements**  
No labelling required
- 2.3 Other hazards**  
May cause irritation on prolonged exposure.

### SECTION 3: Composition

- 3.1 Substances**  
Not applicable
- 3.2 Mixtures**  
An aqueous mixture which contains no components considered hazardous above thresholds of concern.

### SECTION 4: First Aid Measures

- 4.1 Description of first aid measures**  
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**EYE CONTACT:** Wash thoroughly with water for several minutes, holding the eyelids apart. Seek medical attention if irritation persists.

**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.

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

**EYES:** Not expected to result in adverse effects

**INHALATION:** Not expected to result in adverse effects

**SKIN:** Not expected to result in adverse effects

**INGESTION:** Not expected to result in adverse effects

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

Symptomatic treatment as required.

### **SECTION 5: Firefighting Measures**

#### 5.1 **Extinguishing media**

Not flammable. Use extinguishing media appropriate to surrounding conditions.

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

Prevent entry of product and contaminated fire fighting water into streams and watercourses.

#### 5.3 **Advice for fire fighters**

Fire fighters should wear protective clothing and breathing apparatus as appropriate.

### **SECTION 6: Accidental Release Measures**

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

Wear protective clothing including gloves and eye protection. Open doors and windows to ensure good ventilation.

#### 6.2 **Environmental precautions**

Prevent entry into sewers and watercourses.

#### 6.3 **Methods and materials for containment and clearing up**

Small spills (<1 litre) may be washed to foul drain with copious quantities of water. Do not wash into storm drains or watercourses.

Large spills (> 1 litre) should be covered with a suitable absorbent, e.g. sand, earth or spill granules and collected for disposal. Wash spill area thoroughly with water and detergent.

#### 6.4 **References to other sections**

See section 8 and 13 for further advice.

### **SECTION 7: Handling and Storage**

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

Avoid contact with skin and eyes. Do not inhale vapours, mists or sprays.

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

Keep containers tightly closed and in a cool, well ventilated area. Keep only in original container.

#### 7.3 **Specific end uses(s)**

No special precautions.

### **SECTION 8. Exposure Controls/Personal Protection**

#### 8.1 **Control parameters**

No exposure limits available for the components of the mixture.

## 8.2 Exposure controls

None usually required during normal handling. Normal chemical 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 spray or aerosols.

### Hand Protection

Wear protective gloves if prolonged skin contact is likely.

### Eye protection

Safety glasses with side shields or goggles should be worn if there is a risk of splashing eyes.

### Skin protection

Coveralls recommended. These should be changed after use or if contaminated. Wash before re-use.

### Environmental exposure controls

Precautions should be taken to avoid accidental release to water courses.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

a) Physical state	Liquid
b) Colour	Yellow
c) Odour	Odourless
d) Melting point/freezing point	Similar to water
e) Boiling point or initial boiling point and boiling range	Similar to water
f) Flammability	Not applicable – liquid
g) Lower and upper explosion limit	Not flammable
h) Flash point	Not flammable
i) Auto-ignition temperature	Not flammable
j) Decomposition temperature	No data
k) pH	7.5 – 8.0
l) Kinematic viscosity	No data
m) Solubility	Completely soluble in water
n) Partition coefficient n-octanol/water (log value)	No data
o) Vapour pressure	Similar to water
p) Density and/or relative density	Approximately 1.1 g/cm <sup>3</sup>
q) Relative vapour density	Similar to water
r) Particle characteristics	Not applicable - liquid

### 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

None known.

**10.4 Conditions to avoid**

Excessive heat.

**10.5 Incompatible materials**

None.

**10.6 Hazardous decomposition products**

None expected under normal conditions of use.

**SECTION 11: Toxicological Information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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) acute toxicity</b>	Based on available data, the classification criteria are not met. Contains no components known to be acutely toxic above thresholds of concern.
<b>(b) skin corrosion/irritation</b>	Based on available data, the classification criteria are not met. Contains no components known to be corrosive or irritant above thresholds of concern.
<b>(c) serious eye damage/irritation</b>	Based on available data, the classification criteria are not met. Contains no components known to be corrosive or irritant above thresholds of concern.
<b>(d) respiratory/skin sensitisation</b>	Based on available data, the classification criteria are not met. Contains no components known to be sensitising above thresholds of concern.
<b>(e) germ cell mutagenicity</b>	Based on available data, the classification criteria are not met. Contains no components known to be germ cell mutagens above thresholds of concern.
<b>(f) carcinogenicity</b>	Based on available data, the classification criteria are not met. Contains no components known to be carcinogens above thresholds of concern.
<b>(g) reproductive toxicity</b>	Based on available data, the classification criteria are not met. Contains no components known to be reproductive toxins above thresholds of concern.
<b>(h) STOT-single exposure</b>	Based on available data, the classification criteria are not met. Contains no components known to cause specific target organ toxicity above thresholds of concern.
<b>(i) STOT-repeated exposure</b>	Based on available data, the classification criteria are not met. Contains no components known to cause specific target organ toxicity above thresholds of concern.
<b>(j) aspiration hazard</b>	Based on available data, the classification criteria are not met. The product is not expected to be an aspiration hazard.

**11.2 Information on other hazards**

None identified.

**SECTION 12: Ecological Information**

This product has not been tested. Judgements on the expected toxicity of 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**

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

All components are readily soluble in water and if released into soil will be mobile in the environment.

### 12.5 Results of PBT and vPvB assessment

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

### 12.6 Endocrine disrupting properties

None of the components are known to have endocrine disrupting properties.

### 12.7 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 incinerate or dispose of in accordance with local regulations.

Empty containers should be thoroughly rinsed with copious amounts of clean water.

## SECTION 14: Transport Information

Not classified as hazardous for transport.

	<b>ADR</b>	<b>IMDG</b>	<b>ICAO</b>
<b>14.1 UN number or ID number</b>	None	None	None
<b>14.2 UN Proper shipping name</b>	None	None	None
<b>14.3 Transport hazard class(es)</b>	None	None	None
<b>14.4 Packing group</b>	None	None	None
<b>14.5 Environmental hazards</b>	None	None	None
<b>14.6 Special precautions for user</b>	None	None	None
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable	Not applicable	Not applicable

## 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

### Revision information:

Updated to formatting described in EU Regulation 2020/878

### List of Abbreviations used in this SDS:

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008  
EC European Community/Commission  
PBT Persistent, Bioaccumulative and Toxic  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006  
vPvB very Persistent, very Bioaccumulative

**H Statements used in Section 2 and/or 3**

None

**References:**

Suppliers safety data sheet.  
ECHA Classification and Labelling Inventory

**Method used for classification of mixtures:**

Ingredient based approaches and expert judgment

**Training requirements for workers**

No special training requirements.