

Product name	CUGLA MMV CON.25% BT
Version date	01-09-2018
Version	005

1 Identification of the substance/mixture and of the company/undertaking

Product identifier CUGLA MMV CON.25% BT

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

Retarder for concrete according to NEN-EN 934-2

Details of the supplier of the safety data sheet

Supplier (manufacturer)	Cugla BV
Address	Rudonk 6a - 11 4824 AJ BREDA, The Netherlands
Telephone	+31 76 5 410 600
Email	reach@cugla.nl
Website	www.cugla.com

Emergency telephone number

National Poisons Information Centre (NL).+31 30 274 8888,only for the purpose of informing medical personnel in cases of accidental intoxications .

2 Hazards identification

**Classification of the substance or mixture
Regulation (EC) No. 1272/2008 (GHS)**

Hazard symbols None

Signal word None

Hazard components for labelling None

Hazards statements None

Precautionary statements None

Special provisions concerning the labelling or certain mixtures

None

Other hazards None

Other directions None

3 Composition/information on ingredients

Mixtures

Solution of sodium gluconate	CAS-no. 572-07-01
	Amount < 25%
	Classification 67/548/EEG None

4 First aid measures

Generale notes No special measures necessary.

In case of inhalation Take the casualty into the fresh air and consult a physician in case symptoms occur.

In case of skin contact Wash away with soap and water.

In case of eye contact Remove contact lenses and flush with plenty of water for at least 15 min.
Contact a doctor if irritation of the eye continues.

In case of ingestion Contact a doctor immediately, do not induce vomiting.

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Indication of any immediate medical attention and special treatment needed None

5 Firefighting measures

Suitable extinguishing media Water, water spray, foam, CO₂, dry powder.
Unsuitable extinguishing media None
Special hazards arising from the mixture Carbon oxide and Sulphur oxide.
Special protective equipment for firefighters Appropriate breathing apparatus and protective clothing are required.
Additional information None

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Use personal protection as mentioned in section 8.
Environmental precautions Do not empty into drains. If the product contaminates lakes, rivers or sewages inform appropriate authorities in accordance with local regulations.
Methods and material for containment and cleaning up Absorb with liquid binding material.
 Flush contaminated surfaces with warm water and detergent.

7 Handling and storage

Precautions for safe handling
 Handling Use in a well-ventilated area.
Conditions for safe storage, including incompatible products
 Storage Frost free, preferably in the original package.

8 Exposure controls/personal protection

Control parameters None
Exposure controle Prevent contamination of lakes, rivers or sewages.
Personal protection
 Respiration protection Not necessary if used normal
 Hand protection Use protective rubber gloves
 Eye protection Safety goggles
 Skin and body protection Use protective clothing
Environmental precautions The product should not be allowed to enter drains, or water courses.

9 Physical and chemical properties

Physical state Liquid
 Colour Brown
 Odour Characteristic
 pH 6 - 8 at 20 °C
 Boiling point > 100 °C
 Flash point Not applicable
 Lower explosion limit Not applicable
 Upper explosion limit Not applicable
 Vapour pressure Not applicable

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Relative density 1140 kg/m³
 Solubility in water Soluble
 Viscosity Not applicable
 Steam pressure Not applicable

Additional information None

10 Stability and reactivity

Reactivity There are no data available on the product itself.

Chemical stability There are no data available on the product itself.

Possibility of hazardous reaction There are no data available on the product itself.

Conditions to avoid There are no data available on the product itself.

Materials to avoid Strongly oxidizing agents.

Hazardous decomposition products None, if used according to this safety information.

11 Toxicological information

Information on toxicological effects

Acute effects There are no data available on the product itself.

Sensitisation There are no data available on the product itself.

Other toxicological information There are no data available on the product itself.

12 Ecological information

Toxicity There are no data available on the product itself.

Persistence and degradability There are no data available on the product itself.

Bioaccumulative potential There are no data available on the product itself.

Mobility in soil There are no data available on the product itself.

Results of PBT and vPvB assessment There are no data available on the product itself.

Other adverse effects There are no data available on the product itself.

Additional information None

13 Disposal consideration

Product should be disposed according to the local regulations.

Waste treatment methods There are no data available on the product itself.

14 Transport information

UN-nummer The product is not classified as dangerous in the national or international transport by road, sea or air.

UN proper shipping name The product is not classified as dangerous in the national or international transport by road, sea or air.

Transport hazard class(es) The product is not classified as dangerous in the national or international

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transport by road, sea or air.

Packing group

The product is not classified as dangerous in the national or international transport by road, sea or air.

Environmental hazards

The product is not classified as dangerous in the national or international transport by road, sea or air.

Special precautions for user

None

15 Regulatory information

Safety, health and environmental regulation/legislation specific for the substance or mixture

International regulatory information Directive 2004/42/EC is not applicable.

Chemical safety assessment

International legislation There are no data available on the product itself.

16 Other information

Further information

The details in this material data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

Relevant changes

Lay-out header and footer

GHS health statements of the components

None

Important note

This information are presented in good faith and believed to be correct. The information are given as a guidance for safe use, handling, storage, transport, dispose of the product and cannot be seen as a quality specification. The mentioned data are only applicable to this product and may not be valid anymore when the product is combined with other products or used in processes, unless stated in the text.