

Product name **CRETOLENT F CON.25% BT**
Version date 01-09-2018
Version 005

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

Product identifier **CRETOLENT F 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**

GHS07 Exclamation mark

Signal word

Warning

Hazard components for labelling

Tetrakaliumpyrofosfaat

Hazard statements

H315 Causes skin irritation huidirritatie
H319 Causes serious eye irritation

Precautionary statements

P264 Wash thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P332+P313 If skin irritation occurs: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 If eye irritation persists: Get medical advice/attention

Special provisions concerning the labelling or certain mixtures

None

Other hazards

None

Other directions

None

3 Composition/information on ingredients**Mixtures**

Solution of TPPP
tetrakaliumpyrofosfaat

Amount < 25%

CAS-no. 7320-34-5

Classification 1272/2008 (GHS) Skin Irrit. 2; Eye Irrit. 2; STOT SE 3; H315, H319,

For full text of H-phrases, see section 16

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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.
Indication of any immediate medical attention and special treatment needed	None

5 Firefighting measures

Suitable extinguishing media	Water, water spray, foam, CO ₂ , 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	Use in a well-ventilated area.
Conditions for safe storage, including incompatible products	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

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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	9 – 12 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
Relative density	1240 kg/m ³
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

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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 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

H315 Causes skin irritation huidirritatie

H319 Causes serious eye irritation

Important note

This information are presented in good faith and believed to be correct. The information are given as a guidance for save 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.