

Summary of product characteristics for a biocidal product

Product name: Wolmanit CX-8F

Product type(s): PT08 - Wood preservatives (Preservatives)

Authorisation number: AT-0013505-BPF

R4BP 3 asset reference number: AT-0013505-0002

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Administrative information

1.1. Trade names of the product

Wolmanit CX-8F

1.2. Authorisation holder

Name and address of the authorisation holder	Name	Wolman Wood and Fire Protection GmbH
	Address	Dr.-Wolman-Strasse 31-33 Wolman Registrierung WR 76547 Sinzheim Germany
Authorisation number	AT-0013505-BPF 1-2	

R4BP 3 asset reference number	AT-0013505-0002
Date of the authorisation	09/04/2021
Expiry date of the authorisation	29/03/2031

1.3. Manufacturer(s) of the biocidal products

Name of the manufacturer	Wolman Wood and Fire Protection GmbH
Address of the manufacturer	Dr.-Wolman-Strasse 31-33 76547 Sinzheim Germany
Location of manufacturing sites	Dr.-Wolman-Strasse 31-33 76547 Sinzheim Germany

1.4. Manufacturer(s) of the active substance(s)

Active substance	1279 - Cu-HDO
Name of the manufacturer	Wolman Wood and Fire Protection GmbH
Address of the manufacturer	Dr.-Wolman-Strasse 31-33 76547 Sinzheim Germany
Location of manufacturing sites	Dr.-Wolman-Strasse 31-33 76547 Sinzheim Germany
Active substance	6 - Basic Copper carbonate
Name of the manufacturer	Spiess-Urania Chemicals GmbH
Address of the manufacturer	Frankenstrasse 18 b 20097 Hamburg Germany
Location of manufacturing sites	Frankenstrasse 18 b 20097 Hamburg Germany

2. Product composition and formulation

2.1. Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Cu-HDO		Active Substance	312600-89-8		2,8
Basic Copper carbonate	Copper(II) carbonate-copper(II) hydroxide (1:1)	Active Substance	12069-69-1	235-113-6	13,04
2-Aminoethanol	2-Aminoethanol; ethanolamine	Non-active substance	141-43-5	205-483-3	31,6
2-Ethylhexanoic acid	2-Ethylhexanoic acid	Non-active substance	149-57-5	205-743-6	4,9
n-Heptanoic acid	n-Heptanoic acid	Non-active substance	111-14-8	203-838-7	3,1
Polyethyleneimine (50 % in water)	Polyethyleneimine (50 % in water)	Non-active substance	9002-98-6	618-346-1	0

2.2. Type of formulation

SL - Soluble concentrate

3. Hazard and precautionary statements

Hazard statements

Harmful if swallowed.
Harmful if inhaled.
Causes severe skin burns and eye damage.
Corrosive to the respiratory tract.
Suspected of damaging the unborn child.
Very toxic to aquatic life with long lasting effects.

Precautionary statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep only in original packaging.
Do not breathe spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice.
Absorb spillage to prevent material damage.
Collect spillage.
Store locked up.

4. Authorised use(s)

4.1 Use description

Use 1 - Use 1 - Fungi, beetles, termites – industrial users – vacuum/oscillating pressure treatment - indoor

Product type	PT08 - Wood preservatives (Preservatives)
Where relevant, an exact description of the authorised use	---
Target organism(s) (including development stage)	<p>Scientific name: Wood destroying fungi Common name: Brown rot fungi Development stage:</p> <p>Scientific name: Wood destroying fungi Common name: White rot fungi Development stage:</p> <p>Scientific name: Wood destroying fungi Common name: Soft rot fungi Development stage:</p> <p>Scientific name: Wood boring beetles Common name: Wood destroying beetles Development stage: Larvae</p> <p>Scientific name: Termites (subterranean termites): Reticulitermes spp. Common name: Termites Development stage:</p>
Field(s) of use	<p>Indoor</p> <p>Application: indoor use in dedicated treatment plants</p> <p>Preservation of structural timber for indoor and outdoor use, in particular for timber used in use class 1, 2, 3 and 4, e.g. for horticulture and landscape gardening, posts, fences, palisades, playground equipment and wood paving including use class 4 special application for transmission poles with service live of 25-40 years. Please mind the restrictions.</p>
Application method(s)	<p>Method: Vacuum pressure treatment / oscillating pressure process Detailed description: APPLICATION RATES: <i>Without protection against termites:</i></p> <p>Product retention² [kg/m³]: UC1: 6.50 UC2: 7.85 UC3: 7.85 - 9.00 UC4: 10.90 - 22.50 UC4 special¹: 13.0 - 31.25</p> <p>Application Solution³ [% (w/w)]: UC1: 1.08 UC2: 1.30 UC3: 1.30 - 1.50 UC4: 1.82 - 3.75 UC4 special¹: 2.17 - 5.21</p> <p><i>With protection against termites:</i> Product retention² [kg/m³]: UC1: 13.10 UC2: 13.10 UC3: 13.81 UC4: 13.81-22.5</p>

UC4 special¹: 13.81-31.25

Application Solution³ [%(w/w)]:
UC1: 2.18
UC2: 2.18
UC3: 2.30
UC4: 2.30 - 3.75
UC4 special¹: 2.30 - 5.21

¹ The use class "UC 4 special" specifically targets treated timber with applications having an increased service life time (e.g. transmission poles). For the intended use class "UC 4 special" a service life between 25 and 40 years is to be expected.
² This refers to the undiluted product (i.e. concentrate) per volume of treated wood
³ Based on an average solution uptake of 600 L during vacuum pressure treatment

Application rate(s) and frequencies

Application Rate: 6.5 - 31.25 kg/m³
Dilution (%): 1.08 - 5.21
Number and timing of application:
Single application

Category(ies) of users

Industrial

Pack sizes and packaging material

30 L Jerrycan, HDPE
60 L Drum, HDPE
600 L IBC, HDPE
1000 L IBC, HDPE

For transport only:
30 000 L Bulk container (stainless steel)
no commercial packaging

4.1.1 Use-specific instructions for use

4.1.2 Use-specific risk mitigation measures

4.1.3 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

4.1.4 Where specific to the use, the instructions for safe disposal of the product and its packaging

4.1.5 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

5. General directions for use

5.1. Instructions for use

Apply the product via vacuum pressure / oscillating pressure treatment.
Dilute the product according to the application solution with water table via automated dosing.
The fixation time is minimum 48h.
Do not use on wood that may come in direct contact with food and feeding stuff or drinking water.
Regard that efficacy assessment has been performed according to the reference wood *Pinus silvestris*.

5.2. Risk mitigation measures

The following personal protective equipment should be worn during product handling phase (application and cleaning):
Wear protective chemical resistant gloves during product handling phase (glove material to be specified by the authorisation holder within the product information).
A protective coverall (at least type 6, EN13034) shall be worn.
Wear suitable protective footwear (EN 13832) when applying the product.
Wear a face shield when applying the product.

The process of dilution has to be carried out using an automatic dosing system.
Avoid contact with skin and eyes.
Handle product and dry freshly treated wood in areas with good ventilation.
Cleaning of the treatment chamber as well as pressure treatment of wood shall not be performed by the same operator on the same day.
All industrial application processes must be carried out within an area situated on impermeable hard standing with bunding to prevent run-off and a recovery system in place (e.g. sump).
Freshly treated timber must be stored after treatment under shelter or on impermeable hard standing, or both, to prevent direct losses to soil, sewer or water, and that any losses of the product, including any contaminated water/soil must be collected for reuse or disposal in accordance with local/national/international requirements.

The product must not be applied on wood for use class 4, that is foreseen to be placed directly in water bodies.

The use of the product on wood, which is foreseen for use classes 1 and 2 in residential areas, is restricted to small-scale and/or static wood constructions, which do not have direct contact to the interior space.

5.3. Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

First aid instructions:

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth or induce vomiting if a person is unconscious. If unconscious, place in recovery position and seek medical advice.

IF IN EYES: Immediately rinse eyes with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15 to 30 minutes. Seek immediate medical attention.

IF ON SKIN: Immediately wash skin with plenty of water. Thereafter take off immediately all contaminated clothing and shoes. Rinse skin with lukewarm, gently flowing water/shower for at least 15 to 30 minutes. Seek immediate medical attention.

IF SWALLOWED: Immediately rinse mouth. Give something to drink, if exposed person is able to swallow. Do NOT induce vomiting. Immediately seek medical advice. Seek immediate medical attention.

IF INHALED: Move to fresh air and keep at rest in a position comfortable for breathing. If symptoms: Call 112/ambulance for medical assistance. If no symptoms: Call a POISON CENTRE or a doctor

Emergency measures to protect the environment:

If the product contaminates lakes, rivers, sewers or soil, inform the appropriate authorities in accordance with local regulations. Contain and collect spillage with an inert absorbent (e.g. sand, earth etc.). For large amounts: Pump off the product. Dispose of contents/container to a special waste collection point in accordance with local/national/international requirements.

5.4. Instructions for safe disposal of the product and its packaging

Product residues, contaminated materials (including sawdust) and empty containers must be collected and disposed of in accordance with the national waste disposal legislation and any regional and/or local authority requirements.

Do not discharge the biocidal product nor the diluted solution of the biocidal product into the sewage system or the environment (in particular surface water).

5.5. Conditions of storage and shelf-life of the product under normal conditions of storage

The product must be stored only in original containers tightly closed and out of reach of unauthorised persons. Recommended storage temperature range: $\geq 0^{\circ}\text{C}$ to $+ 40^{\circ}\text{C}$.¹ Protect from frost. At low temperatures, crystallisation may occur. Redissolve precipitated ingredients by raising the temperature. The shelf life of the product is 24 months.

Note:

¹ This recommendation is provided by the applicant. The accelerated storage test showed stability up to 54°C .

6. Other information

The SPC Editor technically does not allow the exact reflection of the precautionary Statements as given in the PAR.

This concerns the following entries:

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P310: Immediately call a POISON CENTER or doctor.

P308+P313: IF exposed or concerned: Get medical advice/attention.