

## Technical Leaflet

# Wolmanit<sup>®</sup> CX-8F

Wood preservative based on copper and organic compounds. For hazard classes 1-4 according to EN 335.

### 1. Usage

**Field of application** Wood preservative for industrial use against wood destroying fungi and insects on internal and external structural timber with and without ground and water contact, in particular for timber used in horticulture and landscape gardening, playground equipment, posts, vine support, fences, palisades and wood paving.

**Approvals** This product is approved under the Control of Pesticides Regulations 1986 as amended, for use as directed.

HSE No. 9396

**Performance Standard** Efficacy for hazard classes 1-4 (according to EN 335) has been tested in compliance with the appropriate laboratory or field tests as required in EN 599:1997.

Therefore the product can be used for treatment of wood according to BS 8417.

**Application Method** Industrial treatment methods, e.g. vacuum pressure treatment and oscillating pressure method.

**Minimum concentrations** Dependent on treatment cycle and hazard class the recommended solution strengths are for

Hazard Class 1 - 3: 1.3 %

Hazard Class 4: 2.5 %

Advice is available through our technical service.

## 2. Application

**Preparation of solution** Wolmanit® CX-8F is miscible with water in each ratio. The solution can be homogenised easily by stirring.

**Determination of solution strength** By means of conductivity measurement.

**Cleaning of equipment** Directly after usage with water.

## 3. Product specification

**Form of supply** Liquid, water-soluble wood preservative concentrate.  
Product and treatment solution: blue, weak odour.

**Density** 1.2 g/cm³ at 20 °C

**pH value** approx. 9.8 at 2.0% solution strength (25 °C)

**Labelling**



C – Corrosive

N – dangerous to the environment

**Active ingredients** 2.80 % bis-(n-cyclohexyldiazeniumdioxy)-copper  
13.04 % copper(II) carbonate hydroxide

## 4. Storage

**Storage** Wood preservatives are to be stored only in original containers tightly closed and out of reach of unauthorised persons, e.g. children.

Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

Dispose of surplus chemical, contaminated materials (including sawdust) and the empty container safely using a method approved by the waste disposal authority.

**Storage temperatures** Recommended storage temperature range: +5 – 40 °C.

Protect from temperatures below 0 °C.

At low temperatures, crystallisation may occur. Precipitated ingredients however, will be re-dissolved by raising the temperature coupled with occasional stirring.

If stored within the recommended temperature range in the originally, sealed container the shelf-life of the product is 2 years.

## 5. Treated Wood

**Appearance of treated timber** Initially after treatment, timber has a green appearance which after weathering will gradually change to a warm brown colour.

Colour additives A range of brown and green colour additives is available.

**Fixation**

Within 24 h the fixation has been terminated to a large extent. During that period the freshly impregnated timber is to be protected from outdoor weathering. The recommended fixation time for in-ground timber applications is 2 weeks (excluding frost periods).

Treated wood must be held until surfaces are dry within a bunded area on a site which is maintained to prevent loss of treatment product to the environment. Do not use near drains, prevent any surface run-off from entering drains.

National legislation pertaining to pollution prevention of soil, water and air is to be observed during the entire storage time.

**Re-Treatment** Cross-cuts being formed after impregnation are to be treated with Wolmanit® C&T.

## 6. General Instructions

**Safety Precautions**

The COSHH (Control of Substances hazardous to Health Regulations) may apply to the use of this product at work.

Wood preservatives contain biocidal ingredients for the protection of wood against attack by wood-destroying fungi. They should therefore only be used when the protection of wood is mandatory or necessary. Misuse may be injurious to health and cause damage to the environment.

Utilisation only in industrial facilities by trained personnel. For use by industrial operators only. The wood-preservative must not be applied by spraying.

The precautions generally taken with chemicals are to be observed when handling and applying the product.

Keep away from food, drink and animal foodstuffs. When using do not eat, drink or smoke.

Wear suitable protective equipment such as impervious gauntlets, impervious footwear and an impervious apron (see Material Safety Data Sheet for more details). However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

After completion of work and before meals, hands and exposed skin should be washed thoroughly with water or a suitable cleaning agent.

Refer to the Material Safety Data Sheet for more information.

This information and all further technical advice reflect our present knowledge and experience. The purpose is to inform interested parties about our products and their use and should not be construed as guaranteeing specific properties of products described or their suitability for a particular application, nor as providing complete instructions for use. The information implies no guarantee for product and shelf life properties, nor any liability or other legal responsibility on our part. Any existing third party intellectual property rights, especially patent rights, must be taken into consideration. Application and usage of our products based on our technical advice are beyond our control and are the sole responsibility of the user. The user is not released from the obligation to conduct careful inspection and testing of incoming goods in order to verify the suitability for the intended application. For experimental products we do not guarantee for later commercial availability. Validly existing laws and provisions must be taken into consideration by the recipient of our products. In addition, the currently valid version of our general conditions of sale applies.

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Use wood preservatives safely. Always read the label and product information before use.