

## What is CM-X?

CM-X is a low-odour, powerful descaler and remover of concrete, rust, lime scale and mortar splashes from a variety of hard surfaces.

It is an excellent brick cleaner and also dissolves splashes and cement dust from concrete mixing trucks and machinery.

### Key Benefits

- ✓ Much less odour than straight-hydrochloric acid-based products. Practically non-fuming.
- ✓ Dissolves concrete and lime scale quickly.
- ✓ Removes rust and hard-water scale.
- ✓ Has a detergent action, so can still work on oily surfaces.

### How Does It Work?

CM-X is based on an organic-salt complex which is milder than straight hydrochloric acid. This means it has much lower odour and fumes, but still has acid reserves to keep on reacting. The acidity in this product dissolves the lime component in concrete, resulting in water-soluble salts that can be washed away.

### For Use On...

CM-X is ideal for use on concrete mixing trucks, portable concrete mixers, floats, trowels, level screeders and concrete pumps. It can be used on plastics and paintwork that is in reasonable condition. It should not be used on zinc or aluminium, especially at high temperatures. It should be diluted to at least 1 in 5 for use on ceramic tiles, slate, terracotta or brickwork. Because it can dissolve concrete and lime, CM-X should not be used on marble, terrazzo, laminates and other acid-sensitive surfaces.

## Technical Data

### Properties



COLOUR – Transparent yellow liquid  
ODOUR – Almost none  
pH = 0 - 1  
FOAM – Low to medium foam height

### Dangerous Goods Classification:

CM-X CONCRETE REMOVER is a Class 8 Corrosive liquid

UN No. 3264	CLASS: 8
PACK GRP: III	HAZCHEM: 2X

### Environmental Care

CM-X conforms with all statutory environmental requirements. It is based on selected ingredients to perform efficiently so there is no waste or damage. CM-X is non-flammable and contains biodegradable surfactants. Containers will be cleaned and re-used if returned to Agar Cleaning Systems Pty Ltd., significantly reducing plastic usage and waste. They can also be recycled.

### Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with the requirements of AS/NZS ISO 9001 "Quality Management Systems – Requirements".

First Certified: 30 April 1996 SAI Certificate No.: QEC7358

### Application

- Wear the correct Personal Protective Equipment. Use neat (undiluted) CM-X on heavy concrete build-ups.
- Do not apply to stainless steel, bare iron or steel because there is a risk that it may turn rusty.

**CAUTION** – Never mix this product with BLEACH or Chlorinated detergents.

### Removing Concrete, Grout and Mortar:

- Always pre-test CM-X on the surface before use to ensure it is compatible.
- Do not apply CM-X to acid-sensitive surfaces such as marble or aluminium.
- For **regular manual cleaning** of splashes and dust, dilute to 1 in 5 to 10 with water. For **heavy deposits**, dilute to 1 in 4 with water.
- Pour or brush the solution onto the concrete and leave in contact for 2 – 7 minutes. Rinse off with cold water.
- Brushing during the soak time will assist in removing the concrete more quickly.

### Removing Efflorescence, Rust and Scale:

- Dilute to 1 in 4 with water.
- Pour or brush the solution onto the surface. Agitate with nylon brush. Rinse with water.
- Heavy scale build-ups may require several applications.

## Disposal Information

### 1. Used solutions -

Used Solutions of CM-X should be poured into a drain or trough that leads to the sewer system or a septic tank. These systems have a method for treating and breaking down the waste. Used solutions of detergent should not be poured into stormwater drains or down driveways as these drains are designed for rainwater and ultimately lead to the local river system.



The Chemistry of Cleaning™

# CM-X

## Concrete, Grout, Rust & Scale Dissolver

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Product Data Sheet

Product Code: CMX

Issued: July 23, 2025

### 2. Unused product

It is best to keep the product and use it up! If this is not possible, try to give it to someone who can use it. (Make sure the product is in its original, labelled container).

If there is no alternative but disposal, it is safe to pour modest quantities of this product down the drain (to sewer) with running water. Leave the cold tap running for a few moments afterwards as this dilutes the product and reduces the concentration in the wastewater.

Remember, do not mix different cleaning products together during disposal!

### 3. Empty packaging

#### Bottles and drums

Our 5L and 20L bottles and drums are made from HDPE (polyethylene) or PET which can be recycled. You can dispose of these containers via the kerbside collection program or other recycling system. CM-X containers will be cleaned and reused if returned to Agar Cleaning Systems Pty Ltd, significantly reducing plastic usage and waste.

#### Cardboard cartons

Used boxes should be flattened and recycled in OCC (old, corrugated cardboard) or mixed wastepaper recycling programs.

Available in: 5L, 20L, 200L

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.



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