



# COSTAR CONCRETE DISSOLVER

Concrete remover, cleaner and etching agent

## PRODUCT DESCRIPTION

Costar Concrete Dissolver is a combination of acid based material, corrosion inhibitors and dispersing agents specifically designed for use as concrete remover, cleaning and etching agent.

## FEATURES

- Rapid concrete etching action
- No corrosive action with glass, plastic, rubber and most base metals
- Cleans hardened concrete from tools and mechanical equipment

## USES

- For the removal of mortar and plaster runs, droppings and stains from brickwork and concrete surfaces
- Removal of rust and mill scale from steelwork
- Removal of hardened concrete from tools, machinery and equipment
- such as ready mix trucks, concrete mixers or barrows.

## APPLICATIONS INSTRUCTION

### Cleaning brickwork and rust stains from concrete

Dilute Costar Concrete Dissolver with water between ratio 1:1 and 1:4 by volume of Dissolver to Water. A small trial area should be cleaned first to determine the most suitable dilution. Re-wet the surface, using a sponge, rub the affected areas with a solution of Costar Dissolver and water. When the action has finished, wash down thoroughly with clean water. Ensure the minimum concentration necessary for effective removal of stains should be employed to avoid the alteration of the surface finish of concrete.

## APPLICATIONS INSTRUCTION

The surface should be washed down with water immediately treatment is complete.

### Cleaning tools, machinery and equipment such as ready mix trucks, concrete mixers or barrows

- **For Tools:** The tools should be soaked overnight, then taken out and washed with clean water to remove all loosely adhering materials. Care should be taken to avoid prolonged contact between Costar Concrete Dissolver and zinc or aluminum parts of tools, such as rivets, etc.
- **For Larger Equipment:** Apply Costar Concrete Dissolver to the deposits by a soft broom and allowed to soak overnight if possible. If the surfaces of the deposit can be cracked by mechanical means this will speed up the operation. In severe cases more than one application may be necessary. On completion, dissolved deposits and loose material should be brushed and washed away with clean water.
- **Cleaning concrete floors:** Pre-wet the floors, then, using a stiff bristle broom, brush the affected areas with a solution of Costar Concrete Dissolver and water. Strength of the solution required will vary but should be between 1:1 and 1:4 Costar Concrete Dissolver to water. When the action has finished, wash down thoroughly with clean water. Oil or grease should be removed by treatment with a suitable chemical degreaser followed by water or steam cleaning. Where heavy contamination occurs, as in garages or workshops, pre-treatment with Costar Concrete Dissolver assists in freeing oil or grease and renders the action of the degreaser used more effective.



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## Removal of rust and mill scale

After wire brushing to remove loose material, apply a solution of Costar Concrete Dissolver and water using a soft broom or brush and leave to act for 20-40 minutes. Strength of the solution required will normally be between 1:1 and 1:4 Costar Concrete Dissolver to water. Wire brush again to remove remaining loose material and finish by thoroughly washing down with clean water. Repeat if necessary.

## TECHNICAL PROPERTIES

Packaging	5ltrs, 10ltrs, 20ltrs
Appearance	Clear and colourless liquid
Shelf life	12 months from date of production
Storage condition	Product must be stored in original, unopened, and undamaged sealed packaging in dry condition and temperature between +5 °C and +25 °C.
Specific gravity @ 20°C	1.159
PH value	2-3 (acidic solution)
D.O.T shipping label	Corrosive liquid
Application temp	Minimum 10° C Maximum 25° C
Substrate temp	+5 °C min. / +25 °C max
Consumption	(The coverage rate will vary depending on surface texture, porosity and volume of the material applied)
Neutralization	Water rinse

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## STORAGE AND SHELF LIFE

Protect from freezing, if frozen or crystallized, thaw gradually and stir to homogenous mixture. Shelf life in unopened original containers is 12 months when stored at 70°F (21°C).

## CAUTIONS

Costar Concrete Dissolver is acid based and should be handled with care. Acid vapors from undiluted product can damage nearby surfaces, notably causing rusting of unprotected steel. If in doubt about its effect on a material, test a small area before general application.

## HEALTH & SAFETY

- Please ensure that hand gloves and goggles are worn during installation
- Apply in ventilated areas, away from flames
- It is only important that during application and after application, standard safety procedures are done.
- Please consult current MSDS for product.
- *For Professional Use only.*

## ADDITIONAL INFORMATION

Costarchem manufactures a complete range of construction chemical products which include:

- Concrete admixtures
- Waterproofing system
- Flooring system
- Cementitious and epoxy precision grouts
- Damp-Proofing products
- Sealants and adhesives
- Repair and refurbishment systems

For more information on any of our products, please contact Costarchem global or regional office.

## LEGAL NOTE

The information and recommendations relating to the application of Costarchem products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with the stated recommendations in the product datasheets. Whilst Costarchem endeavors to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it. The user of the product must test the product's suitability for the intended application and purpose. Costarchem reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

