

Cold Phos

Cold phosphating agent that converts rust into iron phosphates, which prevents new rust formation.

- Cold phosphating agent based on phosphoric acid, zinc, salts and wetting agents
- Good penetrating and wetting characteristics
- Corrosion protection by the formation of a phosphate layer
- Gives a good paint adhesiveness

Application

COLD PHOS can be used safely on most common metals and painted surfaces. COLD PHOS is used there where metal surfaces have to be painted and sandblasting, hot phosphating or pickling in immersion bathes is not possible. For example in case of storage and transport of tubes, pipes and larger constructions. This product is also often used to remove rust stains on painted surfaces

Directions for use

Cold phosphating

First remove loose rust with a wire brush. Dilute COLD PHOS in the ratio of 1 litre to 2 litres of water in a plastic bucket. The solution can be applied with an acid proof brush or spraying gun.

After drying (approx. 6 hours) a protecting phosphate layer has been formed, which gives corrosion protection to the underlying metal and is a good surface for paints to adhere to stains on painted surfaces.

Removing of rust spots

Dilute the product in a ratio of 1 litre COLD PHOS to 9 litres of water (60 to 80 °C).

Moisturize the objects to be cleaned with this solution and let the product act upon the surface. Meanwhile brush the surface with intervals; finally rinse abundantly with water.

Properties

Light green coloured liquid that contains phosphoric acid. Non-flammable and completely mixable with water. To be used on most common metals and painted surfaces.

Specific Gravity (20 °C)	: 1.33
Flash point	: none
pH (1% solution)	: 2.2

Nature of special risks and safety advice

See our Material Safety Data Sheet.

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