



# METAL CLEANER

SURFACE  
TREATMENT

Edition December 07

**ANTI RUST - PASSIVATOR – GREASE AND PAINT  
REMOVER PREPARATION OF STEEL, GALVANIZED  
STEEL OF ALUMINIUM AND ALLOYS SURFACES**

## FEATURES

METAL CLEANER is a liquid made up of phosphoric acid and degreaser with a double action :

- the degreasing of metal surfaces
- the derusting and passivating to prepare metal surfaces (hand application) before painting.

METAL CLEANER gives a perfect adherence of the wash primer and epoxy primer.

METAL CLEANER improves anticorrosive action of the primers.

METAL CLEANER :

- derusting
- degreasing
- passivating
- scaling

METAL CLEANER does not attack Aluminium and alloys  
METAL CLEANER does not replace sanding for severe rust.

## RECOMMENDED USES

METAL CLEANER is designed for:

- the preparation of surface of the cold rolled steel sheet (white sheets), which have oxidized in storage regardless of the oil film
- scouring of Aluminium and its alloys before painting
- surface preparation of sheet steel
- elimination of the "rustflowers" on ferrous metals and cast iron keels
- regaining foundry glare (aspect) of Aluminium parts, engines etc
- removes superficial rust traces on stainless steel
- scaling pumps and materials

METAL CLEANER can be used as well in a bath by submersion or by pulverizer.

METAL CLEANER must be applied with safety gloves, safety clothes and safety glasses.

## SPECIFICATION DATA

**COATING TYPE** : Surface treatment

**COLOR** : Clear

**GLOSS** : Matt

**COMPONENT** : Single component

**THINNER** : Water

**DENSITY AT 20°C** : 1,180 +/- 0,020

**VOC** : NC

**THEORETICAL SPREADING RATE** :  
15 Sq.m/L depends on application method

**APPLICATIONS** :

- Bath
- Pulverizer
- Brush
- Sponge

**Never use metal tanks.  
Only stainless steel 18/8**

**Never reuse packaging or material of application having  
contained METAL CLEANER for other uses.**

## SURFACE PREPARATION

Wait the total dry time before painting.

Dry time can claim one or several hours depending on atmospheric conditions

To boost the dry time, you can clean the surface with a rag soaked in alcohol.

You must paint as soon as possible after dry time.

## MIXING AND THINNING

### BATH CONSTITUTION (for 1000 liters)

On steel : Pure or diluted with 50%. Leave acting 5 to 10 mn. No rinsing. Wipe surface using clean rag.  
On Aluminium : Diluted with 50%. Leave acting 3 to 5 mn. Rinse abundantly with water. Drying.  
On Galvanized steel : Diluted with 10%. Leave acting 3 to 5 mn. Rinse abundantly with water. Drying.

The containers intended for METAL CLEANER will be of plastic or stabilized stainless steel 18/8.

## APPLICATIONS

APPLICATION METHOD	THINNER	TIP SIZES	PRESSURE
BRUSH	YES		
PULVERIZER	YES		
SPONGE	YES		

### CONDITIONS FOR APPLICATION :

Optimum : 20 to 25 °C for 50 to 70 % HR

Limit : 15 to 30°C for 30 to 80 % HR

**Don not apply below 15°C**

**VISCOSITY : NC**

## PRECAUTIONS AND SHELF LIFE

See the material safety data sheet and product label for complete safety and precaution requirements

**PACKAGING :** 1 or 5 Liters

**CLASS ONU :** 1992

**SHELF LIFE :** 24 months in original unopened cans at + 10 and + 25 °C away from humidity - 12 months in tropical climate

**FLASH POINT :** 60°C

**LABEL :** C : Corrosive



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