



# GUARD CLEANER® ECO

## SURFACE PREPARATION



### SURFACE PREPARATOR CLEANER / STRIPPER FOR CONCRETE ELIMINATES EFFLORESCENCE, CEMENT DEPOSITS

- ELIMINATES EFFLORESCENCE, CEMENT & TARTAR DEPOSITS**
- QUICK EFFICIENCY**
- ECOLOGICAL & BIODEGRADABLE**

- OPENS THE PORES OF THE CONCRETE AND FACILITATES THE IMPREGNATION OF THE PROTECTION**
- INTERIOR AND EXTERIOR**

#### PRODUCT DESCRIPTION

Guard Cleaner® Eco Surface Preparation is a cleaning product that quickly removes efflorescences, cement, concrete or tartar deposits and open the pores of the concrete. It is used before the application of a Guard Industrie protection product to prepare the concrete skin and thus facilitate proper impregnation of the finishing product.

Guard Cleaner® Eco Surface Preparation is much less aggressive than other products on the market (it is not classified and labeled as corrosive or irritant). It has been designed in response to the increasing demands of users in terms of safety, effectiveness, impact on the environment and protection of treated substrates.

Guard Cleaner® Eco Surface Preparation does not require neutralisation after rinsing.

#### USE

Guard Cleaner® Eco Maintenance can be used outdoors and indoors on all types of protected concrete: shuttering, prefabricated, fiber-reinforced, UHPC, GRC....

#### ADVANTAGES AND CHARACTERISTICS

- Powerful stripper & quick efficiency.
- No need to pH neutralize after rinsing.
- Non corrosive & non irritant.
- Ready to use: quick & easy to use.

#### ENVIRONMENT

##### Ecological and respects the environment:

- Water-based product.
- Safe and non-toxic.
- VOCs < 1 g/l\*.
- Surfactants used in this formula are biodegradable to 70%\* in 28 days.



## CHEMICAL NATURE

- Formulation is based on organic compounds.

## CONTAINERS

- 20 litres.

## TECHNICAL DATA

Physical state at 20 °C	: Liquid
Colour	: Clear / pale yellow
Odour	: Lemon
pH	: < 2
Relative density	: 1.05 ± 0.05
Solubility in water [vol/vol]	: Total
Flashpoint [°C]	: Not applicable

## HOW TO USE

- Ready to use product, use neat.
- Always test on a small hidden portion of the substrate before applying.
- On concrete with metallic fibers, use **Guard Cleaner® Eco Maintenance**. On glazed or shiny concrete, dilute one volume of **Guard Cleaner® Eco Surface Preparation** with one volume of water.
- First wet the surface with water then apply the product liberally to the surface.
- Allow it to act 3 minutes maximum (the product may show aggregates on the surface).
- Do not allow the product to dry prior to rinsing.
- Rinse the entire substrate with a high pressure washer. Otherwise, brush off using a thick bristle broom, and then rinse with water from a hosepipe whilst brushing at the same time.
- Wait 24 hours for drying before applying the protection.

## APPLICATION TOOLS

- Apply with a low pressure hand spray unit.



## COVERAGE

The following values are for guidance only:

**3 to 6 m<sup>2</sup> / litre.**

## CLEANING YOUR EQUIPMENT

- Tools and equipment should be cleaned with water immediately after use.

## STORAGE

- Store in a dry place at a temperature of between 5°C and 30°C.
- Shelf-life: 48 months from date of manufacture, in original unopened can.

## RECOMMENDATIONS

- Do not mix with another product notably bleach (risks of emanation of toxic chloric gas).
- When used indoors, apply in well-ventilated area.
- **Do not use on concrete with metallic fibers.**
- Protect glass and metallic surfaces (aluminium, zinc, tin, copper, chromium, light alloys...)
- For best results it is essential that **Guard Cleaner® Eco Surface Preparation** is used when the temperature of the substrates is between 5°C and 30°C.
- Do not apply during rain or in very hot weather. Air temperature between 5°C and 30°C.

## HEALTH AND SAFETY

- **Breathing protection:** No breathing protection equipment is required under normal use conditions with suitable ventilation.
- **Hand protection:** Wear chemical resistant gloves.
- **Skin protection:** Wear waterproof protective clothing.
- **Eye protection:** If there is a significant risk of splashes, wear protective goggles.
- **In case of ingestion:** Do not induce vomiting. Contact a doctor or specialist.

## PRODUCT FOR PROFESSIONAL USE ONLY

## TECHNICAL ASSISTANCE

### GUARD INDUSTRY

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**Important:** The content of this document is based on our experience of the product. Guard Industrie guarantees the quality of its products but expressly declines all liability in the event of failure by the user to respect the recommendations and conditions for using the said products, especially but not exclusively in the event of wrong application, application by unqualified personnel, use of products not compatible with the company's products or poor weather conditions. For more information, see safety data sheet.

See the most recent update of our technical data sheet available on our website [www.guardindustry.com](http://www.guardindustry.com)

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