

## Pieri® Decobio 310 Vegetable oil based release agent



### Description

Containing less than 10% of solvents, Pieri® Decobio 310 has been designed to meet the strict requirements of environmental protection and hygienic working conditions.

The products vegetable base (quantity > 65 %) gives us new possibilities in concrete releasing technology both operator safety and quality surface finishes.

Rigorous control of the product's formulation guarantees excellent working conditions and quality performance.

Pieri® Decobio 310 forms a colourless, low-fat film of vegetable based oil on the surface of the formwork, facilitating the even dispersion of the concrete and assists bubble resorption during vibration.

### Application

- Jobsites.
- Precasters: perfect for factory working conditions where normally the confined atmosphere and frequent spray of releasing oils combine to produce unpleasant, persistent odours to the detriment of safety and hygiene standards.
- May be used whenever a smooth stain and bubble-free concrete finish is required and it is suitable for use in most conditions. Suitable for heated concrete up to 60 °C. For higher temperatures, please contact us.
- Pieri® Decobio 310 is designed for cold weather concreting, difficult vibration conditions and whenever the conjugation of the formwork skin microporosity and the washing out of the release agent by the concrete results in heavy build up.
- Under certain conditions, Pieri® Decobio 310 can also be used for immediate release.

### Directions for use

Can be applied with a sprayer on all types of mould and formwork: steel, plastic coated or sealed plywood or polyester. Can be applied in a very thin film due to its low viscosity. Extremely economical, consumption 1 litre/40 m<sup>2</sup> plus.

### Recommendations

Pieri® Decobio 310 should only be used on the actual formwork casting area, as any other areas of form or equipment i.e. for protection and cleaning purposes, will be affected by prolonged exposure to ultra violet (sunlight) and leave sticky residues.

### Technical specifications

- Straw-yellow colour liquid.
- Concentration of vegetable oil or solvent: > 65 %.
- Density at 20 °C: 0,88 ± 0.02
- Viscosity at 20 °C: 20 ± 5 cSt (ISO 2431 cup N°3).
- Freezing point: < - 15 °C.
- Flash point: 62 °C (SETAFLASH method).
- Ready to use.
- Recommended nozzles: X 10, standard (fan nozzle type) or TPU 73-0116 (Spraying Systems).

Doesn't affect the adhesion to future coatings such as plaster coatings, renders and paints: CERIB Test report 93 DPO 362.

### Storage

The product will not degrade over time, if stored in an unopened packaging, and in storage conditions defined in this data sheet.  
Best before 5 years.  
Store in a bunded area to avoid spillage.

### Packaging

25 liter drum.  
220 liter drum.  
1000 liter tank.


### Safety

Not regulated.  
This product may be kept in its original package.  
For further information, please consult our Safety Data Sheet.

### Transport

Not regulated.

### Advantages

- : Safety sheet without any risk phrase or safety symbol on the final product, according to the CLP regulation of 01/06/2015.
- Virtually odourless,
- Non-flammable.
- Very easily biodegradable (biodegrades within 28 days > 60% according to the NF EN ISO 9408 OCDE 301 F standard).