

CIKOlease VG

Delayed Mould Release agent vegetable emulsion

Description

CIKOlease VG, developed as environmentally compliant mold release agent, formulated fully with aliphatic hydrocarbons and natural esters and performance additives. Easily separates concrete from molds. By forming homogenous oil film prevents unwanted formation of air bubbles in the concrete structure.

CIKOlease VG, can be easily applied to steel bars, plywood and wood moulds.

Properties

- Does not leave stain on concrete surface and does not penetrate into the concrete.
- On surface applications does not require re-cleaning costs and labor costs.
- By less product, much higher surface areas can be lubricated
- Provides mold protection and longer mold life
- Prevents oxidation of mold connections
- It is biodegradable, nontoxic product.

Application area

CIKOlease VG is suitable to be used on:

- All kinds of formwork such as steel, plywood, timber etc.
- Confined spaces or in precast and industrial operations where prestressed or heated systems are involved.

Concrete cast with CIKOlease VG requires no further treatment other than a light brushing prior to the application of plasters, adhesives, mortars, surface coatings and penetrating systems such as silane.

Physical properties

Form	Liquid
Colour	Whitish
Specific gravity	0.86 ± 0.015 @15°C
Kinematic viscosity @40 °C	11.8 cST
Flash Point	>100°C

Coverage

A thin coating of CIKOlease VG will give a coverage rate of 30 to 50m² per litre

Note: The coverage depends on the substrate condition and finish. Consult our technical service department for assistance.

Application instructions

Surface preparation

The surface of mould or formwork should be cleaned to remove deposits of concrete, loose particle and rust.

CIKOleaseVG can be applied on cleaned formwork using brush, roller or spray. Ensure that the material is evenly applied over the surface. Non-absorbent surface require single coat and absorbent surface may require further coats depending on the rate of absorption. Pooling of CIKOleaseVG on the formwork surface must be avoided.

Packaging

CIKOlease VG is available in 210 liter drums and 1000 IBC tank.

Shelf life

CIKOlease VG has a shelf life of 12 months if stored in accordance with the recommended storage conditions.

Storage

CIKOlease VG should be stored in original packing under cool enclosed shaded area at temperatures between 5 – 30°C.

Precautions

- CIKOlease VG is flammable and care must be taken during its usage.

Health & safety

CIKOleaseVG should not come in contact with eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Applicator should wear appropriate clothes, gloves and goggles. Use of barrier cream is recommended to provide additional skin protection. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

Technical Support

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Concrete repair materials
- Adhesives and bonding agent
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries

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Note: The information presented herein based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control

