



EUNICOTE MRA BIO

BIODEGRADABLE MOLD RELEASE AGENT

DESCRIPTION

EUNICOTE MRA BIO is a biodegradable release agent specially formulated to facilitate the easy release of formwork and achieve high-quality surface finishes for concrete.

This product is derived entirely from vegetables.

USES

EUNICOTE MRA BIO finds applications in plastic injection molding, rubber molding, die casting, composite manufacturing, concrete molding, rotational molding, blow molding, and more. By applying EUNICOTE MRA BIO, manufacturers ensure easy and clean removal of finished products from molds, preventing defects and facilitating smooth production processes.

ADVANTAGES

- Suitable for all types of formwork
- Sediment-free and highly mobile liquid, allowing for very fine sprays without clogging jets
- Odorless, even when using fine fog spray
- Retains mobility at low temperatures
- Can be applied immediately before casting or left until apparently dry, with excellent results
- Continued use improves results on timber formwork
- Enables quick and positive formwork release, reducing labor costs and formwork/mold damage
- Drastically reduces blowholes, surface blemishes, and staining
- Acts as an effective rust inhibitor

TYPICAL PROPERTIES

Appearance	Pale Yellow Liquid
Specific Gravity (@20°C)	0.92 ± 0.02
Composition	Oleic Acid
Fatty Acid Composition	C18 (13%), C18:1 (72%) C18:2 (13%), Others (1%)

APPLICATION

EUNICOTE MRA BIO is ready to use or can be diluted with a suitable thinner. The product can be applied to all types of formwork and can be applied by using fine-hair brush, swab, spray or roller. Any excess material should be promptly mopped up. For optimal and cost-effective performance, it is recommended to use a fine fog spray. Even at freezing temperatures, it will not clog fine jets. When applying on new timber, it is recommended to apply a sealing coat first, followed by a second coat before concrete placing.

COVERAGE

EUNICOTE MRA BIO covers (20 - 30)m²/L, by applying the material with a fine spray at a temperature of 15°C.

Note: when using rough forms or applying the product in cold weather, the coverage rate may be lower.

PACKAGING

EUNICOTE MRA BIO is supplied in 200 liter drums.

STORAGE

EUNICOTE MRA BIO should be maintained in a tightly closed container, stored in a cool, dry, and ventilated area. Take measures to protect it from physical damage. Additionally, ensure isolation from any potential sources of heat or ignition.

The shelf life of EUNICOTE MRA BIO is 12 months from the date of production.

HEALTH AND SAFETY

For more information, please check the Material Safety Data Sheet.

CONTACT

Al-Faiha for Engineering Products is the exclusive licensee manufacturer for ECA.

For more information, please contact us at techsupport@alfaihaengineering.com.

DISCLAIMER

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.