

DETACH[†] 603

Bio-Release Agent

Product Description

Detach 603 Bio-Release Agent is a unique balanced formulation of specialty vegetable and other oil derivatives that provides excellent release from metallic moulds used in the manufacture of concrete roof tile . Detach 603 has been specifically designed to provide a high level of operator health and safety and to minimise adverse impact on the environment.

Key Benefits

- ◆ Very cost effective due to its low use rate
- ◆ Most economical compared to other vegetable based release agents
- ◆ Uniquely balanced formulation provides excellent release characteristics
- ◆ Resists build up on moulds
- ◆ Maintains performance and workability at low temperatures
- ◆ Low use rate allows less storage and handling
- ◆ Provides a high level of operator health and safety due to its low toxicity, volatility and bland odour characteristics.
- ◆ Not classified as a Dangerous Good enabling more flexible and convenient storage, handling and transportation
- ◆ Environmentally friendly - Unique formulation provides faster and more complete biodegradation for a cleaner and safer environment

DETACH[†] 603

Bio-Release Agent

Suggestions for Use

Detach 603 may be applied undiluted by spray or brush applicator.

Recommended application rates of 4 ml per tile (+/- 10%)

Coverage may be improved by using a twin or triplet spray head configured for a double overlap with tips angled inward and tilted fore and aft to target shadow areas on the mould. Coverage may also be improved by extending the distance between the spray booth and the concrete extruder. Ponding in lug holes should be avoided.

Note—Overspray product can be deactivated by cement dust and sludge and reuse may require special treatment.

Specialist advice on application may be obtained from Victorian Chemicals.

CAUTION - Avoid use on rubber or latex as Detach 603 can penetrate these materials and cause shape distortion. Viton is generally recommended for seals and fittings.

Physical Properties

Appearance	Clear yellow liquid
Specific Gravity (20°C)	0.85
Viscosity (25°C)	10 cSt
Odour	Bland oily
Min application temp	5°C
VOC	<1%
Flash Point	150°C min

Packaging

Available in:

- Bulk
- 1000L IBC
- 200L Steel Drum

[†] Trademark used under licence

The Company

Victorian Chemical Company is committed to providing quality products and professional and friendly service, that our customers can confidently rely on to add value to their businesses. In order to achieve this goal we will continue to develop, our understanding of our customer's requirements, the operations of our company and our technical expertise.

Storage & Handling

When stored indoors at temperatures below 40°C and in closed original containers, this product can be stored for at least 1 year.

Avoid exposure to air for prolonged periods.

Product may thicken or solidify if cooled below 0°C.

Do not allow water to contaminate product.

Bulk Storage vessels made of stainless steel, fibre glass, polypropylene or polyethylene are preferred. It is strongly recommended to thoroughly clean old mild steel tanks before storage, as Detach 603 may cause rust and other old deposits to be released resulting in contamination. Long term storage in mild steel tanks may result in product discoloration and other degradation.

Health, Safety & Environment

Detach 603 is free of aromatic and polycyclic aromatic hydrocarbons and is not classified as a dangerous good. It is considered of low risk to health if used according to appropriate industrial hygiene practices. Ensure good ventilation during use. Skin and eye contact should be avoided.

Detach 603 is biodegraded by natural processes and poses a low risk to the environment.

Other Vicchem Products

DETACH X- Static Unique formulation of concrete mould oil specifically designed for application via electrostatic spray equipment

Victorian Chemical Company Pty. Limited

83 Maffra Street, Coolaroo, Victoria 3048, Australia

Telephone: (03) 9301 7000

Facsimile: (03) 9309 7966

Website: www.vicchem.com

Email: products@vicchem.com



Whilst Victorian Chemical Company Pty Ltd has taken reasonable care in the preparation of this document, the material contained herein is for general information purposes only and should not be used in substitution for the detailed Directions for Use shown on the product labels. Victorian Chemical Company Pty Ltd accepts no responsibility for any consequences whatsoever arising from the use of this information save as may be imposed under any applicable laws.