

## **ECO CR775**

*Premium, Non-Hazardous Mould Release Agent*

**ECO CR775 Bio-Release Agent** is a unique balanced formulation of specialty non-hazardous oils and vegetable oil derivatives that provides excellent concrete release from metallic moulds used in both the Precast and Roof Tile manufacturing industries. **ECO CR775** has been specifically designed to provide a high level of operator health and safety and to minimise adverse impact on the environment

### **Summary of 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
- Can provide a class 1 -2 finish to concrete surfaces
- Suitable for both heated or ambient cured situations
- Resists build up on moulds and promotes easy clean up
- Assists in providing rust protection of moulds
- Finished concrete surfaces are suitable for painting (Follow paint suppliers recommendation)
- 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 it's low toxicity, volatility and bland odour characteristics.
- Not classified as a Dangerous Good enabling more flexible and convenient storage, handling and transportation

**Product Code:** 7069

**Product Size:** 20L, 205 1000L

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## ECO CR775

### **Applications:**

#### **Precast Concrete Manufacture:**

Apply **ECO CR775** undiluted by spray, brush or mop.

Apply at a rate of 50-100 m<sup>2</sup> / Lt. or as little as possible whilst ensuring a thorough and even coverage over the entire working surface of the mould.

This should provide optimum performance and minimize the potential for sticking, uneven release and build-up on the moulds. Excess material may compromise performance and can be removed with a mop or soft cloth.

When applying by hand sprayer, it should have a cap type filling device to allow easy filling without the possibility of dust contamination. It should also be fitted with a suitably sized flat fan nozzle and appropriate tip strainer. (Contact Royal Precision Lubricants for further advice).

A superior surface finish may be attained by applying **ECO CR775** with a damp clean soft flannel cloth.

**CAUTION** - Avoid use on rubber or latex fittings or moulds as **ECO CR775** can penetrate these materials and cause shape distortion. Viton is generally recommended for seals and fittings.

#### **Roof tile manufacture:**

Apply **ECO CR775** at 3-5 g/mould. Specialist advice from Royal Precision Lubricants on application equipment may be required.

## ECO CR775

### Typical Characteristics:

Flash Point OCO (°C)	>150
Cloud Point (°C)	+5
Kinematic Viscosity at 25°C mm <sup>2</sup> /s (cSt)	10
SGt (20°C)	0.85
Pour Point (°C)	-10
Odour	Bland/Oily
VOC	<1%
Appearance	Clear/Yellow

\*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

### Storage:

#### STORAGE & HANDLING

When stored indoors at temperatures below 40°C and in closed original containers, this product can be stored for up to 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 **ECO CR775** 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.

## ECO CR775

### Health, Safety and Environment

**ECO CR775** is not classified as a dangerous good. It is non-hazardous and 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. **ECO CR775** is biodegraded by natural processes and poses a low risk to the environment. A Material Safety Data Sheet (MSDS) is available for each product. Users should consult the MSDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Materials Safety Data Sheet is available at Royal Precision Lubricants by email:  
[info@royallubricants.com.au](mailto:info@royallubricants.com.au).