



# TRISOL 60 PLUS

## Wax Pattern Cleaner and Etchant

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Specifically designed for the investment casting process, Blayson Olefines Ltd developed Trisol 60 Plus as a more effective, safer, environmentally friendly pattern wash. Trisol 60 Plus is now the established pattern cleaner of choice of most investment casters in the UK, Europe and other regions of the world.

### Benefits:

- Efficient removal of silicones and hydrocarbons from patterns
- Improves prime coat adhesion by imparting a micro-etch to the pattern
- Excellent cleaning and rinsing properties, no additional detergent wash required
- Water washable, Trisol is neutralised instantly on contact with water
- Rinse water may be released direct to drain, subject to local authority consents
- Economical, low evaporation rate means low consumption compared to spirit systems
- No MEL
- Odourless, free from harmful aromatics
- Very simple to install
- Not classified as dangerous for supply or carriage under EU regulations
- Health and safety data sheet available on request

### Method of Action :

- Trisol 60 Plus is a blend of high purity, very low aromatic hydrocarbons combined with biodegradable emulsifiers and surfactants.
- Trisol 60 Plus is used undiluted to clean wax patterns removing silicone by chemically bonding with it.
- Powerful emulsifier ensures solvent action ceases immediately on contact with water.
- Splits quickly in rinse water to facilitate egress of supernascent fluids containing contaminants to overflow.

### How to Use:

Patterns are immersed and gently agitated in Trisol 60 Plus for 3-5 seconds.

They are then immersed in a first water rinse tank for approximately 10 seconds to neutralise the cleaning agent, followed by a final clean water rinse.

Patterns dry quickly in air and may then proceed to prime coat application either by hand or robot dipping

Whilst it is possible to use static rinse tanks, a counter-flow rinsing system is recommended. This operates with a clean water feed into the final rinse tank, overflowing by means of a simple weir system into the first rinse tank, and finally overflowing to drain (see separate diagram).

To maximize rinsing quality and water efficiency the flow should be balanced to maintain clean water in the final rinse tank. Rinse water temperature is also best maintained at 20°C +/-2°C.

A member of The Blayson Group Ltd

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