

Technical Datasheet



Trade name : Master Mould 100
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Description

Master Mold 100 is an aqueous cleaning medium for ultrasonic cleaning systems in the plastic injection molding industry. It removes plastic outgassing, plastic residues, grease, anti-corrosion agents and rust film from the mold inserts of the injection molding machines.

The cleaning time depends on the thickness of the resulting top layer and is usually 15 to 30 minutes at an application temperature of >60°C. Master Mold 100 gently cleans the entire mold insert with its filigree structures. In addition, the product contains an anti-darkening formula.

Application

Recommended concentration (in volume%) for typical uses of the product:

Ultrasonic bath	20 – 50%
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Compatibility with common materials:

Steel / Stainless steel	resistant	Aluminium	resistant	Non-ferrous metals	resistant
plastics	resistant	painted surfaces	limited resistant	Galvanized surfaces	not resistant

In the case of sensitive materials, please test the product on a sample or an inconspicuous part of the individual piece before use. If you are unsure, we will be happy to advise you. Further information on labeling, handling and disposal of the product is available from the safety data sheet.

Key to above table :

resistant	limited resistant	not resistant
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Environmental Aspects

Master Mold 100 is VOC free. The active ingredients are > 55% readily biodegradable.

Classification according to Regulation (EC) No.1272/2008 [CLP]

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.
Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Transport information

UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (DISODIUM TRIOXOSILICATE)

Water hazard class (Classification according to AwSV)

Water hazard class : 1 (Slightly hazardous to water)

Order information

A020910 Jerry can 20 l
A200910 Drum 200 l
A100910 IBC 1000 l