



# MARTHENE™

## A Solvent of Choice Technical Information Sheet

### Description & Application:

Marthene is the trade name for a special blend of non-aromatic solvent esters designed to achieve a high degree of cleanliness in general degreasing and critical cleaning applications. Marthene has found application prior to sealing, adhesive bonding, and painting. Marthene is also highly suitable as a remover of excess printing ink from silk screens and presses during and after printing processes.

Primary features attributable to Marthene are:

- Removes both oily and water soluble contaminants;
- Moderate drying rate, best as a wipe on – wipe off application;
- Leaves no residue;
- High solvency power, excellent cleaning performance;
- Safe on wide range of metals and plastics;
- Mild odour;
- CFC and aromatic hydrocarbon free;
- Improved toxicity and environmental impact, not carcinogenic or mutagenic;
- Not classed as flammable, Flash point: >100 °C;
- Excellent silkscreen cleaner, optimum wet time.

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### Applications

Marthene is suited for Cold Cleaning of:

- Electronic components and instruments;
  - Metal components;
  - Marine & Automotive parts
  - Aerospace components
  - Printing ink removal;
  - Coatings – excess resin and adhesive removal.
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Certificate No. GB06/69741

Safer  
Solutions  
For Industry

Marthene will remove:

- Oils & Greases, including silicone oils;
- Fingerprints;
- Light soils
- Printing ink;
- Uncured resins, adhesives, sealants;
- Electrical flux residues.

Marthene may be applied by dip, swab, brush, spray or ultrasonic methods.

## Compatibility

Marthene may be safely applied to steel, aluminium, titanium, magnesium, zinc and other metal surfaces.

Marthene is compatible with a wide range of plastics and elastomers at room temperature; however specific materials should be tested prior to exposure.

Marthene solublizes uncured adhesives and sealants.

## Health and Safety

Marthene is based on a blend of non-aromatic, low toxicity, solvent esters. It is combustible but is neither a known or suspected carcinogen.

Users should avoid ingestion and contact with the solvent will degrease/defat skin.

Use only in well ventilated areas.

Do not store or use near naked flames, sources of heat or ignition.

Do not eat, drink or smoke when using the solvent.

See Safety Data Sheet for details.

## Typical Properties

Appearance	Colourless liquid
Density @ 20 °C	1.06
Vapour Pressure, mm Hg at 20 °C	0.02
Flash Point, (Closed Cup, °C)	101
Boiling Point, °C (°F)	196 to 225 (385 to 437)

Storage life in original, unopened containers, at between 0 °C and 35 °C (32° to 95 °F), is not less than 5 years.

## Processing

Use as supplied.

Apply solvent by brush, swab, spray or dip application techniques onto affected surface.

Allow solvent a few minutes to lift and dissolve soluble contaminants.

Wipe off excess solvent using clean paper towelling, cloth or other suitable absorbent, non-contaminating material.

Tenacious deposits may be assisted in removal by the use of fibre pads or stiff bristle brush.

## CONTACT DETAILS:

### For UK and Rest of the World:

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For any further information, please contact your distributor or Amity.

In the event of any technical queries, please contact:  
Mr. Ram Singh at the UK/ROW address, above, or by e-mail to:

[rsingh@amityinternational.com](mailto:rsingh@amityinternational.com)

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## Packaging Details:

Marthere is available in:

- 200 Litre drums;
- 25 Litre containers (metal or solvent resistant plastic).

Special order provisions apply – minimum order quantity applies  
Contact Sales for details

## Approval and Test Data for Marthene

### 1. Approvals.

Marthene has been approved for precision cleaning by/to:

British Aerospace Military – To R10-6027 (Precision cleaning of metallic parts), R10-6008 (Ultrasonic cleaning).

Airbus UK – to ABP 8-1294 Type 3 cold cleaning



### 2. Test compliance