



## PROTHENE™

# A High Performance Cleaning Solvent Technical Information Sheet

### Description & Application:

Prothene is the trade name for a specially designed solvent blend for cleaning where a high degree of cleanliness is required.

Primary features attributable to Prothene are:

- Removes both oily and water soluble contaminants;
- Fast drying;
- 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;
- Flash point: 50 °C (122 °F).

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### Applications

Prothene is suited for Cold Cleaning of:

- Electronic components;
- Metal components;
- Marine & Automotive parts
- Aerospace components
- Printing ink removal;
- Coatings – excess resin, flux and adhesive removal.

Prothene will remove:

- Oils & Greases, including silicone oils;
- Fingerprints and Light soils
- Printing ink;
- Uncured resins, adhesives, sealants;



Certificate No. GB06/69741

Safer  
Solutions  
For Industry

- Electrical flux residues.

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

## Compatibility

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

Prothene is compatible with a wide range of plastics and elastomers at room temperature, however specific materials should be tested prior to exposure. Uncured adhesives and sealants will however be dissolved by Prothene.

## Health and Safety

Prothene is based on a blend of low toxicity solvents.

It is flammable but is neither a known or suspected carcinogen.

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

See Safety Data Sheet for details.

## Typical Properties

Appearance	Colourless liquid
Density @ 20 °C	0.95
Vapour Pressure, mm Hg at 20 °C	2.2
Flash Point, (Closed Cup, °C)	50
Boiling Point, °C (°F)	>150 (302)

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

## Process Control

No specific process controls are applicable.

## 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.

Note:

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.

## CONTACT DETAILS:

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

In the event of any technical queries, please contact:  
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## Packaging Details:

Prothene 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 Data for Prothene

### Approvals.

Prothene has been approved for precision cleaning by/to:

British Aerospace Military under process specification – R10-6027

Airbus UK Ltd – to Process Specification ABP 8-1294 Type 3