

TECHNICAL DATA SHEET

Target AB45**Acid Salts for Post-Zinc Plating**

Description	A blend of acid salts and activators developed to replace nitric acid-based post-dips for alkaline zinc plating lines.
Features	<ul style="list-style-type: none">• Can be used at higher strengths to desmut aluminium alloys after caustic etching.• No acid fumes.• No foam.• Safer and easier to use than traditional acids.
Product Code	TARG/AB45
Equipment	The Target AB45 tank should be manufactured from PVC, or be PVC-lined Steel.
Initial Fill	Target AB45 is readily soluble in water. It is operated at varying concentrations and immersion times, depending on the use.
Application	<p>Target AB45 used as a Zinc Plating Post-dip:</p> <ol style="list-style-type: none">1. Alkaline Soak Clean – Target AB10 (TARG/AB10).2. Rinse.3. Alkaline Electroclean – Target AB35 (TARG/AB35).4. Rinse.5. Acid Clean – Target AB42 (TARG/AB42).6. Rinse.7. Zinc Electroplating.8. Rinse.9. Post-dip – Target AB45 (TARG/AB45).10. Rinse and dry. <p>Note: Air agitation will increase performance.</p>
Control Points	<p>Target AB45 used as a Zinc Plating Post-dip:</p> <p>Concentration: 5 – 20 g/l (optimum = 10 g/l) Temperature: 15° – 25°C Time: 30 – 60 seconds Agitation: mild air / gentle mechanical.</p> <p>Target AB45 used as an Aluminium Desmut:</p> <p>Concentration: 50 – 150 g/l (optimum = 70 g/l) Temperature: 15° – 25°C Time: 1 – 5 min Agitation: mild air / gentle mechanical.</p>
Analytic Control	<p>Pipette 25 ml aliquot into a conical flask. Dilute with 25 ml of demineralised water. Add 3 - 4 drops of phenolphthalein indicator. Titrate with 1M sodium hydroxide. Colour change is from colourless to permanent pink.</p> <p>Each ml required x 0.76 = concentration in g/l.</p>

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Rinsing	Rinse the work thoroughly in water in a tank, ideally fitted with a weir and continuously overflowed with mains water.
Shelf Life	2 years from date of manufacture when correctly stored in sealed packaging.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed bags.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Technical Support	For technical support in using this product, please contact: e: birminghamtech@trimite.com , or t: 0121 554 7000.
Date of Issue	Nov 2021.

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