

TECHNICAL DATA SHEET**Target AB22****Alkaline PR Electrocleaner for Steel**

Description	Target AB22 is a highly effective final stage alkaline electrocleaner, to remove heat treatment scales and smuts from ferrous components.
Features	<ul style="list-style-type: none">• Heavy duty, caustic based, designed for cleaning prior to electroplating.• Provides effective removal of a wide range of surface contaminants, including polishing compositions, drawing, pressing, machining and cutting oils, phosphate and soap lubricants, surface oxides and smuts.• Suitable for rack or barrel operation.• A blend of carefully balanced alkalis, chelatants, organic surfactants and water conditioning agents.• Will remove rust and phosphate coating.
Product Code	TARG/AB22
Equipment	The Target AB22 tank and water rinse tanks should ideally be made of stainless steel, or lined with polypropylene or rigid PVC. They can however be made of steel.
Initial Fill	Target AB22 is operated at 50 g/l to 150 g/l. Higher concentrations will be needed to remove heavy soils and rust. Target AB22 must be dissolved in HOT water.
Application	<p>The process sequence is:</p> <ol style="list-style-type: none">1. Soak Cleaner Target AB10 dip for 1 – 15 min.2. Cold water rinse.3. Acid pickle 50% hydrochloric acid with 2% Target AB40i for 5 - 15 min.4. Cold water rinse.5. Electrocleaner Target AB22 dip for 5-10 min with 10 second current reversal.6. Cold water rinse.7. Electroplating (cyanide zinc plate etc.).
Control Points	<p>Concentration: 50 - 150 g/l Temperature: 25° - 50°C Current Density: Periodic reversal, 270 - 1000 A/m² (25 – 100 ASF)</p> <p>Note: remove work during an anodic cycle.</p>
Analytic Control	<p>Pipette 10 ml aliquot into a conical flask. Add 3 - 4 drops of phenolphthalein indicator. Titrate with 1 M hydrochloric acid (or equivalent). Colour change is from pink to colourless.</p> <p>Each ml required x 6.19 = concentration in g/l.</p>
Rinsing	Rinse the work thoroughly in water in a tank, ideally fitted with a weir and continuously overflowed with mains water.

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Shelf Life	2 years from date of manufacture when correctly stored in unopened containers.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers.
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	June 2021.

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