

TARGET AB35

ELECTROLYTIC CLEANER FOR FERROUS METALS

INTRODUCTION

TARGET AB35 is a strongly alkaline, heavy duty electro-cleaner for ferrous metals.

Highly versatile, with exceptional performance, TARGET AB35 has been formulated to provide effective removal of a wide range of surface contaminants e.g. polishing compositions; drawing, pressing, machining and cutting oils; phosphate and soap lubricants; surface oxides and smuts.

Its carefully balanced, synthetic detergent system combines rapid soil penetration and removal, with high soil loading capacity, to give longer useful solution life.

Controlled foam levels and good free-rinsing characteristics minimise drag-over and troublesome caustic mist/fume problems. TARGET AB35 is suitable for either rack or barrel operation.

TARGET AB35 is an off-white, free-flowing blend of alkalis, chelates, organic detergents and water conditioning agents.

BENEFITS

- Exceptional performance and highly versatile
- Rapid soil penetration and removal
- Good free-rinsing characteristics
- Suitable for either rack or barrel operation

SOLUTION MAKE-UP

It is essential that the tanks to be used for Target AB35 are thoroughly cleaned and leached before any chemistry is introduced. If in any doubt as to the cleaning procedure, please contact PMD Chemicals Technical Department.

Target AB35 25-100g/l

1. Fill tank with water.
2. Add Target AB35 and mix
3. Heat to operating temperature.

OPERATING DATA

Target AB35	25-100g/l
Temperature	60-85°C
Current Density	20-100 ASF

EQUIPMENT

Tanks	Mild or stainless steel or other materials suitable for use with alkaline solutions
Heaters	PTFE, stainless steel or mild steel immersion heaters or steam coils

ANALYSIS METHOD

Reagents

1N hydrochloric acid
Phenolphthalein indicator

Method

1. Pipette a 10ml aliquot of the cooled working solution into a 250ml conical flask.
2. Add 50ml DI water and a few drops of phenolphthalein indicator.
3. Titrate to a clear end point with 1N hydrochloric acid.
4. Record titre = t mls

Calculation

$t \times 6.25 = \text{g/l Target AB35}$

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products are referred to in this data sheet.

PRODUCT NAME	PRODUCT NUMBER
TARGET AB35	TARG/AB35/25

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