HOT TANK POWDER – Heavy Duty

Caustic based, Ferrous only, Powdered Detergent / Deruster / Descaler / Decarboniser

Product Description

A concentrated free flowing strongly alkaline powder formulated for the simultaneous removal of grease, rust, scale, carbon and paint from ferrous metals.

Features and Benefits

- Balanced combination of sequestrants, inhibitors and conditioners produces light grey "new" appearance on cast components after immersion.
- Recommended for use in mild steel tanks - no expensive materials of construction necessary.
- The **HOT TANK POWDER – Heavy Duty** system avoids the need for use of acids in removal of rust scale and carbon thus eliminating danger of acid attack on machined surfaces.
- Formulation contains sequestrants to counter hard water conditions.
- Attacks multiple layers of aged paint finishes such as epoxies, acrylics, baked enamels, lacquers and varnishes.

Chemical and Physical Characteristics

Form	:	Free flowing powder
Colour	:	Off White
Solubility	:	Readily soluble in water
Rinsability	:	Good

Recommended Operating Details

(These recommendations are based on field experience)

Method of Application	:	Immersion
Concentration	:	60gm/lt - 150gm/lt
Temperature	:	95°C
Time	:	2 hours - 8 hours

Concentration:	Cleaning: 40 - 80 g/litre Derusting, descaling, decarbonising: 50 - 150g/litre depending on amount and condition of rust and scale.
Temperature:	Cleaning: 60° - 95°C Derusting, descaling, decarbonising: 95°C
Time:	5 mins - 2 hours depending on conditions of items being cleaned.
Method:	Immersion.

Note: When making additions of **HOT TANK POWDER – Heavy Duty** add small quantities at a time being careful to ensure that all product is completely dissolved. DO NOT add to water above 60°C.

Use only on ferrous metals or copper. DO NOT use on aluminium, zinc, brass, tin or other non ferrous metals.

Bath Control

Take a 10ml sample from the bath.
Add a few drops of phenolphthalein indicator and titrate with 1.0N acid until colourless.
Calculate concentration as follows:

mls x 6.2 = g/lt **HOT TANK POWDER – Heavy Duty**

Packaging

Available in 25 Kg containers

Safety, Transport and Storage Information

Please refer to the Material Safety Data Sheet.

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