Power Clean #3705-L

H.D. Power Wash Inhibited

3705-L is a low foam, heavy duty, high solids liquid detergent for use in agitated soak tanks or spray systems washing steel prior to finishing operations. Also used for aluminum etch prior to bright surface conditioner (Toner ABF 35) to achieve highest performance prior to top coatings of paint and other materials.

3705-L is a low foam metal cleaner used for oil & grease removal, stripping soaps & lubricants, phosphate coatings, rust, oxides, smut. Tough on cold forming lubricants. Darkens aluminum due to etching and subsequently followed by acid bright cleaner ABF-35.

High performance detergency prior to painting and phosphatizing operations.
Rinses freely with warm or cold water. Excellent powder free rinsing of etched aluminum.
Provides rust protection to unrinsed steel surfaces for in process protection.

Features & Benefits

- Low foam over entire temperature range of 90-180 F.
- Non-sludging and easily filtered for extended tank life.
- High solids for low use cost and long solution life.
- Can easily be metered and fed into automated processing lines.
- Non-silicated, non-phosphated, biodegradable

Physical Data

pH	13
Product Type	Liquid
Spec. Gravity	1.25
lbs./gal.	10.43
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 Years
Freeze Information	Not damaged by freezing

Typical Processing

1. #3705-l @ 2-5 % by volume, 120-160 F., 60 seconds.
2. Cool rinse.,
3. Inhibited rinse, dry to touch poly film 2010. 2.5%, 125 F. **Soak tank metal wash: lube coating, plating & phos**
   (Removal of light rust, zinc phosphate, light scale, lube coatings, lime)
   1. #3705-l @ 4-10 % by volume, 140-170 F., 2-12 min. + + agitation ~
   2. rinse,
   3. optional rinse,

Forward to balance of process or anti-rust as needed.

Packaging

Container Type	Poly
Net Units	573.4
Tare Wt.	25 lb.
Gross Wt.	600
DOT_Name	UN 1814, Potassium Hydroxide Solution, 8, PG II
DOT Hazard	Corrosive
Tarriff ID	2815.12

Use Parameters

Concentration Range	2-10% B.V.
Temperature Range	95-180 F.
Time Range	½-3 min.
Agitation	Spray

Waste Disposal

Contain metals, fats, oils, and grease.

Holding Tank Materials of Construction

Steel, stainless or poly.

Other Information

It is important that the OSHA DATA, "Material Safety Data Sheet" be carefully read and reviewed with the users of this product. OSHA data is required to be posted in the work area by law.

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