Product Bulletin

Product Name: Power Clean #499 Lo-Foam
Product Code: 2055084
Revision Date: June 20, 2024

Power Soak & Electro 2904

SOAK & ELECTRO METAL CLEANER

#2904 is a heavy-duty liquid Soak & Electro-Cleaner designed for use on steel in-rack and barrel plating processing operations. Effectively removes heavy grease and oils. Effectively lifts difficult heat treat oxides and scale allowing for improved subsequent acid cleaning/pickling.

#2904 provides maximum solids in a liquid product. Effectively controls high current, density burns, which can occur in reverse current cleaning. Can also be used in processes running alloys of copper.

#2904 provides for low-cost use, providing very low sludging, extending bath life many times over powder products, which minimizes maintenance requirements. Provides for automatic feeding of liquid, eliminating employee contact with corrosive alkali or dusts from powders. Eliminates splash back eruption when adding powders.

Features & Benefits

- Liquid for ease of use and low maintenance,
- Provides exceptional anti-burn properties in electro cleaning operations.
- Long solution life, offering never dump operating procedures.
- Allow bath to settle for 2-4 hours, float or skim floating oils, transfer to a rinse tank, clean bottom of tank, and simply transfer majority bath back to tank and replenish.

Physical Data

pH	13+
Product Type	Liquid
Spec. Gravity	1.30
lbs./gal.	10.84
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing

Typical Processing

Electro cleaning:

1. 6-10% by volume
2. typical temperature; 150-200 F.

3. Volts = 5-7
4. AMPS = 10-50 per square foot
5. Time: 90-240 seconds
6. Soak cleaner: 4-8% typical, 150-200 F. (Note: in barrel lines provide rotation).
7. Never dump system: decant mud from tank bottom and return cleaner for continued use. replenish any lost material as needed.

Packaging

Container Type	Poly
Net Units	596
Tare Wt.	25 lb.
Gross Wt.	621
DOT_Name	UN 1824, Sodium Hydroxide Solution, 8, PG II
DOT Hazard	Corrosive
Tarriff ID	

Use Parameters

Concentration Range	6-10%
Temperature Range	160-200 F.
Time Range	2-30 minutes
Agitation	Recommended

Waste Disposal

Neutralize, remove metals, sludge, 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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