

Power Soak CPC-122

ALL SURFACE SOAK/STEAM WAND CLEANER

122 is a high-performance degreaser for ALUMINUM, ZINC, GALVANIZE, BRASS and other non-ferrous and ferrous metals. Non-etch and safe to metal. Unrinsed metal surfaces can provide extended anti-rust protection for stored parts. A bath at 4-5% can provide up to 6 months of indoor storage protection.

Storage area should be free of corrosive vapors, leaking water, etc. (2-3% provides 60-90 days) 122 is an advanced formula providing superior cleaning of greases and lubes which are resistant to alkaline solutions. Provides moderate alkalinity for effective performance and superb water softening for better rinsing.

Excellent choice as a Soak Cleaner, Vibratory Cleaner, Steam Wand and Precision Degreaser.

Free of glycols, solvents, ammonia compounds and harsh alkali. Inhibited to provide in process rust protection to ferrous metal.

Features & Benefits

- Rapid Soil Penetration And Lifting Of Contaminants.
- Film Free Rinsing Without Residue.
- Mild To Employees Skin. Non Caustic.
- Lifts Grease, Oils And Lubricants From Deep Holes And Recesses Of Machined Parts And Other Difficult Surfaces.
- Low Use Level
- Economical
- Concentrated
- Biodegradable
- Moderate Alkalinity
- Ease Of Disposal
- Contains Low Levels Of Poly Phosphates.

Product Bulletin

Product Name: Power Soak CPC-122

Product Code: 2055141

Revision Date: May 6, 2025

Typical Processing

Concentration:

Soak Cleaning = 5-10% By Volume 130-180 Deg.f

Vibe/steam Cleaning = 1-3% By Volume

Maintenance Cleaning = .5 -10% By Volume

Time:

Soak Cleaning = 1-5 Minutes

Vibe Cleaning = 10-30 Minutes Typical.

Temperature:

As Required, (room Temp.) 90 F. To 180 Degrees.

Specifications

pH	12.5
Prod._Type	Liquid
Spc.Grav	1.08
LBS./GAL	9.01
FOAM 0=low 9=high	8
Shelf life years:	10
Freeze information	Not damaged by freezing

Packaging

Container Type	POLY
Net Units	496
Tare Wt.	25 LB.
Gross Wt.	520
Dot_Name	Not Regulated by D. O. T.
DOT Hazzard	Not Regulated
Tariff ID	n/a

Use parameters

Concentration Range	2-10% Typical
Range	Ambient 80f – 200 F.
Time Range	As required By Job.
Agitation	REcommended

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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.

Waste Disposal

REMOVE FATS GREASE AND OILS.

Holding Tank Materials of Construction

Steel, Stainless or Poly

Testing, Operating & Trouble Shooting Data

Lab Standard Titration (% Concentration)

- 1) Take A 50 MI Sample Of Solution.
- 2) Add 6 - 8 Drops Of Indicator #1, Phenolphthalein.
- 3) Titrate With Test Solution #8, 0.1 N Acid Until The Color Changes From Pink To Clear.
- 4) The Number Of Mls Required For Color Change Multiplied By A Factor Of 0.46 = % By Volume.

Ex) 10.9mls X 0.46 = 5%

Field Dropper Titration

- 1) Take A 25 MI Sample Of Solution
- 2) Add 5 Drops Of Indicator #1, Phenolphthalein
- 3) Add Drop By Drop Of Test Solution #80, 1.0n Acid (counting The Drops) Until The Color Changes FromPink To Clear.
- 4) The Number Of Drops Required Multiplied By A Factor Of 0.42 = % By Volume Ex)
12 Drops X 0.42 = 5%

Bath Control Refractance/contaminants Ratio: (target <2.0)

- 1) Multiply The % Concentration By A Refract Factor Of .16 (% Concentration Determined From Free AlkFactor Above)
- 2) Record Results As R1= Target Refractance
- 3) Take A Refractance Reading Of The Bath. Record The Number As R2 .
A Refractance R2 Number Over The (r1)target Refractance Number = Level Of Contaminants.
- 4) Formula: $\frac{R2}{R1}$ = Refractance/contaminant Ratio: Target < 2



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Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**¹³⁶.