

# Power Soak LS-150

## **ALKALINE STEEL CLEANER**

LS-150 is a high solids alkaline barrel process surface renovator detergent. An advance heavy duty soak cleaner for use in metal operations processing steel. Can be used in metal tumbling and vibratory finishing operations or other heavy duty soak tanks.

LS-150 is can also be used in barrel plating lines as both soak and barrel electro cleaner and as a soak cleaner in rack plating operations, barrel processing operations where heavy duty degreasing and cleaning is required. Non-phosphated workhorse cleaner. Helps to lift light scale, oxides and resistant films.

LS-150 attacks difficult lubricants, greases, oils, light rust, light scale, and oxides. Offering advanced detergency and film free rinsing. Effectively manages oils for long effective solution life.

## **Features & Benefits**

- High solids liquid
- Non-Phosphated
- Biodegradable
- Providing efficient surface cleaning at low cost
- Film free rinsing with superior “anti-redeposition” properties
- Ease of control by simple titration
- Easy to automatic feed
- Never dump operating procedures
- Extended use and operating procedures to eliminate costly dumping
- Does not contain glycol ethers or solvent materials

## **Physical Data**

pH	13
Product Type	Liquid
Spec. Gravity	1.195
lbs./gal.	9.97
Foam, 0 = Low, 9 = High	9
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing

## Typical Processing

### Soak Cleaning

1. Concentration: 4-12%
2. Time: 4-8 minutes
3. Temperature: 120-180 F
4. Agitation: (3-5 RPM in barrels)

### Tumbling Barrels: (Deburring, Burnishing, Degreasing)

1. Concentration: 1-5%
2. Time: 1/2-several hours.
3. Temperature: cool - warm
4. Agitation: Barrel

### Electro Cleaning:

1. 6-10% by volume
2. Temperature: 140-200 F.
3. Volts = 5-7
4. AMPS = 10-50 per square foot
5. Time: 90-240 seconds or per programed system

## Packaging

Container Type	Poly
Net Units	545
Tare Wt.	25 lb.
Gross Wt.	570
DOT_Name	UN 1824, Sodium Hydroxide Solution, 8, PG II
DOT Hazard	Corrosive
Tarriff ID	2815.12

## Use Parameters

Concentration Range	6-10%
Temperature Range	90-200 F.
Time Range	2-12 minutes
Agitation	Rotation or mechanical

## Waste Disposal

Neutralize pH, removes heavy 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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For more information on this process,  
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