Product Bulletin

Product Name: Aluminum Cleaner NSS-100
Product Code: 2055007
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Aluminum Cleaner NSS-100

Moderate Foam Mixed Metal Cleaner

NSS is designed for soak tank cleaning of aluminum alloys. A non silicated, non-etching, moderately alkaline detergent to remove difficult grease and oil residues in low temperature soak applications processing aluminum or ferrous metals. May also be used on copper & brass, test prior to production use.

NSS is tolerant to hard water situations. Brightens and cleans aluminum alloys without the typical scaling properties of a
silicated cleaner. Provides in process rust and stain protection for ferrous metals.

NSS is a preferred product selection for applications where low or moderate temperature processing is required. Operates at 100-150 F. or lower depending on soil.

Features & Benefits

- Provides excellent detergent quality when washing in finishing operations.
- Can be recycled, offering extended solution life and very low cost of operation.
- Provides 100% compatibility with accelerated conversion coating baths.
- Provides excellent film free rinsing and anti-redeposition properties.
- Non-staining.
- Non-etching to aluminum.
- Provides in-process RP protection to steel biodegradable.
- Non-Hazardous.
- Easily treatable in wastewater.

Physical Data

pH	9.9
Product Type	Liquid
Spec. Gravity	1.09
lbs./gal.	9.09
Foam, 0 = Low, 9 = High	9
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing.

Typical Processing

Dilute to predetermined concentration for heavy oil removal:

1. Typical use strength is: 5-10% by volume with water
2. Use temperature is: 100-150 F.
3. Time is: typically, 4-8 minutes
4. Water rinse.
5. Seal rinse, air dry, or subsequent processing.

**May be used on Ferrous Metals, but it will require the use of an RP in the final rinse. See your Torch Rep for a product recommendation

Packaging

Container Type	Poly
Net Units	500
Tare Wt.	25 lb.
Gross Wt.	525
DOT_Name	Not regulated by D.O.T.
DOT Hazard	Not regulated.
Tarriff ID	3402.90

Use Parameters

Concentration Range	6-10% by volume.
Temperature Range	120-140 F.
Time Range	4-10 minutes.
Agitation	Recommended.

Waste Disposal

Dispose of it in accordance with local regulations.

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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