Actol 60, Acid Inhibitor

Acid Activator & Inhibitor

Actol #60 is an inhibitor and smut eliminator for use in hydrochloric acid cleaning baths. Actol 60 acts to prevent or minimize the attack of the acid on the base metal and in addition promotes a smut-free surface caused by over pickling or etching.

Actol #60 eliminates black smut residue from over pickling and provides a bright surface finish without slowing down the attack on rust, scales and oxide.

Actol #60 helps to extend the life of acid pickling systems by reducing over attack on base metals. Improves subsequent coating performance by providing a cleaner and more receptive substrate.

Features & Benefits

- Effective at low use levels of .25-1.5% by volume.
- Concentrated liquid for ease of use.
- Stable and long lasting in the acid system.
- Lifts difficult heat treating oxides and smut.
- Extends acid pickle bath life.
- Provides cleaner, smut free surfaces.

Physical Data

pH	4.0
Product Type	Liquid
Spec. Gravity	1.02
lbs./gal.	8.51
Foam, 0 = Low, 9 = High	0
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing.

Typical Processing

1. Degrease steel.
2. Rinse,
3. Rinse
4. Acid clean to derust and descale steel.

Acid = 1/4-1/2% by volume typical to HCL pickling solution. Add .5-1.0% by volume of actol #60 to the bath to control over etching, smut generation and improve rinsing.

Packaging

Container Type	Poly drum/pails
Net Units	455
Tare Wt.	25 lb.
Gross Wt.	480
DOT_Name	Not regulated by DOT.
DOT Hazard	Not regulated.
Tarriff ID	3402.90.10

Use Parameters

Concentration Range	0.25- 1.5%
Temperature Range	60 – 100 F.
Time Range	As required. 5-15~
Agitation	Barrel rotation or mech.

Waste Disposal

Contain and dispose in accordance with local rules.

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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