Actol 75, Acid Inhibitor

Acid Inhibitor & Desmutter

Actol #75 is a liquid additive for use in acid cleaning baths. It 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. #75 is very effective in phosphoric, HCL, citric, sulfuric acid-based cleaners providing bright surfaces on steel. Free of black smut.

Actol #75 does not interfere with the cleaning process by slowing down activity of the acid. High alloy steels and the smut associated with cleaning these materials are more readily cleaned using Actol.

Actol #75 promotes a smut free and cleaner steel, extends acid life and helps remove difficult oxides and scale. Does not interfere with acid crystal reclaim units.

Features & Benefits

- Controls over pickling of metals.
- Effective at low use level of 1/4% by volume
- Helps to minimize gas fuming and misting.
- Improves quality of the steel by providing a cleaner surface.
- Extends acid bath life.
- Lifts difficult heat treating oxides and smut.

Physical Data

pH	8.0
Product Type	Liquid
Spec. Gravity	1.012
lbs./gal.	8.44
Foam, 0 = Low, 9 = High	7
Shelf-Life Years	10 years
Freeze Information	Not damaged by freezing.

Typical Processing

1. Add to acid system as necessary to protect base metal. A typical initial addition would be 1-3 gallons per 2-4,000 gallons of acid. Higher concentrations of acid would use the higher concentrations of Actol.
2. Additional foamer agents can be added, such as loc-foam, if necessary to control acid

misting.

Note: When sulfuric acid pickling, when iron reaches very high levels (example being 7.0 % iron and higher) cut back on the use of inhibitor considering the iron acts as an inhibitor.

Packaging

Container Type	Poly
Net Units	464
Tare Wt.	25 lb.
Gross Wt.	489
DOT_Name	Not regulated by D.O.T. (Road Shipments) Not subject to IMDG code. (Ocean shipment).
DOT Hazard	Not regulated.
Tarriff ID	3810.90.20

Use Parameters

Concentration Range	0.05-0.25% by volume.
Temperature Range	Per bath process.
Time Range	n/a
Agitation	As available.

Waste Disposal

Not regulated under normal guidelines of POTW, contain spills.

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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