



# PC Cleaner HNSO3

**PC Cleaner HNSO3** is a non-chelated, low foam, general purpose organic acid scale/oxide remover and cleaner for multiple substrates. It is effective at removing resist, developer, and anti-foam residues from PC process equipment. PC Cleaner HNSO3 can be used for parts cleaning in immersion and spray processes.

PC Cleaner HNSO3 can be used to clean and descale polyethylene, polypropylene, fiberglass, and stainless-steel equipment. It is sulfamic acid based.

## Features & Benefits

- Concentrated liquid
- Good detergency
- Non-complex forming
- Removes light rust and scales
- Contains no mineral acids
- Non-fuming
- Free rinsing
- Safe to use

## Physical Data

Specific gravity	1.09
Solubility in water	complete
Appearance and odor	water white, clear, mild
pH	1.0 to 2.0
Shelf Life	2 Years



## Operating Conditions

10% to 25% (volume) - the dilution will depend upon the nature of the scale, oxides, and soils to be removed. Contact time is dictated by the degree of scale, oxide, and soil present. Generally, 5-10 min. for light deposits and up to 30 min. for heavy deposits.

Temperature	Room to 150°F
Ventilation	when heated or used in spray systems

When used in *spray application* a concentration of 5% to 10% by volume with a temperature of 70 to 150 °F. is recommended.

## Waste Disposal

Neutralize solutions of PC Cleaner HNSO<sub>3</sub> to a pH of 6 to 8 with either caustic soda or soda ash before discarding. Consult local environmental regulatory authorities for restriction that may be in effect.

## Caution

PC Cleaner HNSO<sub>3</sub> is an acidic product; avoid skin, eye and oral contact. Wear protective clothing, facemask, chemical goggles and gloves when handling the product and its made-up solutions. Flush exposed areas immediately with copious amounts of clean, cold water. Contact a doctor immediately in case of injury.

**WARRANTY:** THE QUALITY OF THIS PRODUCT IS GUARANTEED ON SHIPMENT FROM OUR PLANT. IF THE USE RECOMMENDATIONS ARE FOLLOWED, DESIRED RESULTS WILL BE OBTAINED. SINCE THE USE OF OUR PRODUCTS IS BEYOND OUR CONTROL, NO GUARANTEE EXPRESSED OR IMPLIED IS MADE AS TO THE EFFECTS OF SUCH USE, OR THE RESULTS TO BE OBTAINED

## Our People. Your Problem Solvers.

For more information on this process,  
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