



Better Chemistry. **Better Business.**

Ultrasoak 127

Product Code: 2052008
Revised Date: 2/26/2016

Ultrasoak 127

Ultrasoak 127 is a liquid alkaline cleaner formulated to remove buffing compound from brass, bronze, copper, white metals and lead alloys. **Ultrasoak 127** was developed to clean the above metals when used either as a soak or as an ultrasonic cleaner.

Aside from cleaning the buffed metals, **Ultrasoak 127** also has a brightening action on the copper, brass and bronze alloys.

Ultrasoak 127 should not be used for cleaning zinc die castings or aluminum alloys.

OPERATING CONDITIONS AS A SOAK

Concentrations: 5 to 8% (volumes).
Temperature: 120 - 180f (49-82c).
Agitation: suggested to aid in compound removal.
Ventilation: suggested.
Equipment: mild steel tanks and heating coils.

OPERATING CONDITIONS AS AN ULTRASONIC CLEANER

Concentration: 1 to 5% (vol.).
Temperature: room to 160f (71c).
Equipment: any ultrasonic cleaning equipment.

CONTROL

Titration procedure

1. Using a graduate, takes a 50 ml sample and pour into a 500 ml Erlenmeyer flask.
2. Add 250 mls of water.
3. Add 10 drops of Methyl Orange - Xylene Cyanole indicator - swirl flask to mix.
4. Titrate with 0.5 N HCL until the solution turns from green to purple.
5. Record mls of 0.5 N HCL used.



Product Bulletin

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ULTRASOAK 127 (% BY VOL) = 0.21 X mls of 0.5 N Hydrochloric Acid

Test kit procedure

1. Fill sample bottle 1/4 full with water.
2. Using a syringe, measure out 5 mls of solution to be tested and add to sample bottle.
3. Add 3-4 drops of Methyl Orange-Xylene Cyanole indicator.
4. Add 0.72 N Hydrochloric Acid dropwise to sample bottle until the solution turns from green to purple. Record number of drops 0.72 N Hydrochloric Acid

ULTRASOAK 127 (% BY VOL) = Drops 0.72 N Hydrochloric Acid X 0.17

CAUTION

Ultrasoak 127 is an alkaline product. Avoid contact with skin and eyes. Wear protective clothing, goggles and rubber gloves. Flush exposed areas immediately with clean, cold water. In case of injury, contact a doctor immediately.

WASTE DISPOSAL

Discharge to a disposal system. In order to be completely informed on the latest regulations for your area, please contact the local authorities.

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.