



Product Bulletin

Better Chemistry. **Better Business.**

Mi-Clean™ 9

Product Code: 2002024
Revised Date: 01/14/2011

Mi-Clean™ 9 Heavy Duty Alkaline Cleaner

Mi-Clean™ 9 is a heavy-duty alkaline - cleaner which is used where rigorous cleaning is required. **Mi-Clean™ 9** is formulated to maintain its cleaning efficiency under heavy work loads. It also has high detergency, excellent rinsing and penetrating characteristics.

Mi-Clean™ 9 is used 6 to 8 ounces per gallon of water and used at 150-180 F. **Mi-Clean™ 9** can also be used at boiling temperatures in some cases where normal operations of the cleaner does not totally remove the stubborn deposits of oils and soils.

The concentration of this cleaner is maintained by periodic additions of new **Mi-Clean™ 9**. When the solution becomes extensively contaminated with soils, etc., it should be dumped and a new cleaning solution made.

CONTROL PROCEDURE

1. Pipette 10 mls of **Mi-Clean™ 9** solution into a 250 ml Erlenmyer flask.
2. Add 50 mls of Distilled Water and 5-10 drops of Phenolphthalein Indicator.
3. Titrate with 0.5 N Hydrochloric Acid until the pink color disappears.

Oz/gal Mi-Clean™ 9 = mls 0.5 N Hydrochloric Acid X 0.385

Gms/liter Mi-Clean™ 9 = mls 0.5 Hydrochloric Acid X 2.9

DANGER...THIS MATERIAL CONTAINS CAUSTIC SODA...CAUSES SEVERE BURNS

Do not get in eyes, on skin, on clothing. Avoid breathing dusts or mists. Do not take internally. When handling, wear goggles or face shield. While making solutions, add slowly to surface solution to avoid violent spattering.

In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes. For eyes, call a physician.



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The **Mi-Clean™ 9** solution should be adequately exhausted. Do not use galvanized iron, bronze, copper, tin or aluminum metal for baskets, racks, etc., as these metals will contaminate the solution.

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.