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# COLCLEAN SOAK 200 NC

## HEAVY DUTY ALKALINE SOAK CLEANER TECHNICAL DATA

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## COLCLEAN SOAK 200 NC

### DESCRIPTION & PROPERTIES

Colclean Soak 200 NC is non chelated, free flowing, granular blend of cleaning agents, Builders, and surfactants formulated to provide heavy duty performance in the removal of metal working lubricants, shop dirt, and other handling soils from ferrous metals. This product contains phosphates.

### OPERATING CONDITIONS

Equipment:	Mild steel tank
Concentration:	6 to 9 opg (45 - 68 g/l)
Temperature:	170° to 185° F (76° - 84° C)
Time of Immersion:	5 to 10 minutes

Adjust these conditions to provide optimum results.

### CONTROL PROCEDURE

1. Pipette a 10 ml sample of the Colclean Soak 200 NC solution and transfer to a titrating flask.
2. Add 5 drops phenolphthalein indicator.
3. Titrate with 1 N HCl from pink to a colorless endpoint.
4. Number of mls of 1 N HCl required x 1.14 = ounce/gallon concentration of the Colclean Soak 200 NC.  
(opg x 7.5 = g/l)

### HANDLING & SAFETY PRECAUTIONS

Colclean Soak 200 NC should be handled with extreme care since it can cause severe burns to the skin and eyes. Avoid contact with skin, eyes, and clothing. Do not take internally. Use with adequate ventilation. Wash thoroughly after handling.

When handling, wear chemical splash goggles and face shield, rubber gloves, rubber boots and apron, and protective clothing. An eye/face fountain and deluge safety shower must be available in the work area.

In case of contact, immediately flush with copious amounts of water for at least 15 minutes. Get immediate medical attention. Remove contaminated clothing and launder before reuse. If swallowed, do not induce vomiting. Give large amounts of water to drink. Get immediate medical attention. Never give anything by mouth to an unconscious or convulsing person.

Store in a cool, dry area away from incompatible materials. Keep container closed when not in use. When making up or adjusting solutions, always add slowly and cautiously, with constant agitation, over the surface of cool water to prevent spattering. **Read the Material Safety Data Sheet before using this product. For industrial use only.**

## *NON-WARRANTY*

The data in this bulletin is believed by Columbia Chemical Corp. to be accurate, true, and complete. Since, however final methods of use of this product are in the hands of the customer and beyond our control, we cannot guarantee that the customer will obtain the results described in this bulletin, nor can we assure any responsibility of the use of this product by the customer in any process which may infringe the patents of third parties.

