COLUMBIA® CHEMICAL
Simplifying Surface Finishing®

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COLCLEAN SOAK 1218

TECHNICAL DATA
08-17-2021

COLCLEAN SOAK 1218

ALKALINE SOAK CLEANER

COLCLEAN SOAK 1218	is a heavy duty, medium alkaline soak cleaner.
COLCLEAN SOAK 1218	has a synthetic wetting system that exhibits excellent dispersant properties.
COLCLEAN SOAK 1218	is extremely free rinsing and can be used in hard water up to 50 grains. It is very effective in removing water soluble oils.
COLCLEAN SOAK 1218	will promote the coagulation of processing oils from alkaline cleaning solutions.
COLCLEAN SOAK 1218	a granular, dustless, biodegradable powder that is an excellent choice for tubular or channel tubes due to its fast wetting.

OPERATING PARAMETERS

	FERROUS	BRASS AND COPPER
COLCLEAN SOAK 1218:	8 - 10 ounces per gallon	6 - 8 ounces per gallon
Temperature:	180 - 200° F	140 - 180° F
Time:	1 - 2 minutes or as required	1 - 2 minutes or as required
Equipment:	Mild steel tank	Mild steel tank

Charge ¾ of the water in the tank and heat to 130° F. Slowly add the COLCLEAN SOAK 1218 with constant agitation to prevent eruption. While still agitating, adjust to final volume with water. Heat the solution to operating temperature.

ANALYTICAL PROCEDURE

1. Obtain a sample of the COLCLEAN SOAK 1218 working solution in a clean container.
2. Pipette a 5 ml aliquot and transfer to a titrating flask.
3. Add 1 dropper of methyl orange indicator.
4. Titrate with 1 N Sulfuric from orange to pink.
5. Record the number of mLs required.

CALCULATION: mLs 1 N Sulfuric x 2.0 = oz/gallon COLCLEAN SOAK 1218.

HANDLING & STORAGE

Columbia Chemical recommends referring to the specific product Safety Data Sheets for safety, handling, and storage precautions.

NON-WARRANTY

The data contained 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 assume responsibility of the use of this product by the customer in any process which may infringe the patents of third parties.