

Directions for Pre-Mixing OptiClean

A four-pound container of OptiClean Descaling Powder will make ten gallons of solution. It is best to pre-mix OptiClean powder with the required amount of water prior to use. The powder can be mixed with cold or hot water. Mixing with hot water will dissolve the powder more quickly and improves scale removal capabilities.

CAUTION: Wear eye protection when mixing and handling OptiClean solution.

NOTE: The scoop is one (1) ounce.

Mix: 2 ozs. with a quart of water
7 ozs. with a gallon of water
2 lbs. with five gallons of water

1. Slowly add OptiClean powder into a volume of water. Stir to shorten time to dissolve.
2. Carefully pour the OptiClean solution into the scaled reservoir being careful not to splash the material outside of the reservoir. Use a funnel if necessary.
3. If the solution is splashed onto machine surfaces thoroughly rinse and wipe the surfaces with a wet rag or sponge.

After use make sure the lid on the 4 lb. OptiClean container is tight and store in a dry place. OptiClean has a shelf-life of up to two years.

Directions for use in 'Batch Treatment'

Ideally use HOT water to improve the scale removal capabilities. Mix OptiClean with water according to Pre-Mix instructions.

1. Slowly pour OptiClean Powder into a water reservoir to hold parts.
2. Carefully add parts to be descaled. Note: use a hook or wire to lower parts into solution – do not put bare hands in solution.
3. Check parts every 15 minutes and remove when scale is dissolved from the part.
4. If scale remains after 45 minutes, drain and repeat process.
5. Rinse parts and/or tank thoroughly.

Directions for use when 'Descaling-in-Place' (oven boilers & steam generators, coffee brewers and other equipment)

Always follow the equipment manufacturers maintenance procedures and safety instructions when using OptiClean. If you do not have a published descaling/delimiting procedure for your equipment, contact the factory and ask for specific instructions.

The following guidelines generally apply:

1. Always wear skin and eye protection when using OptiClean, and handle the product carefully.
2. Heating water will improve the descaling capabilities of OptiClean, however, maximum temperature should not exceed 180°. **Never bring OptiClean solution to boiling.**
3. Do not leave OptiClean solution in equipment for prolonged periods. In most cases, the descaling capability is exhausted within one hour. If scale is present after one hour, drain and flush the solution from the equipment and repeat the process.
4. When the descaling procedure is complete be certain to thoroughly rinse all descaling solution from equipment. When possible, circulate several batches of clean water through equipment to assure descaling solution is rinsed away.