

# DELIMER

## *Water Heater Cleaner & Closed System pH Reducer*

### General Description

**Delimer** is a fumeless, odorless, non-muriatic phosphoric acid based delimer formulated to remove lime deposits from hot water heaters and stainless steel equipment.

### Specifications

Wt/gal:	9.50
Specific Gravity:	1.13
pH (5% solution):	< 1.0
Appearance:	Clear, pinkish-orange liquid
Odor:	Faint, characteristic

### Handling

Store in a secure, cool, dry location.  
Keep container tightly closed when not in use.  
Do not store near feed, food, or extreme heat.

### Applications:

#### A) Hot Water Heater Delimer

1. Turn off fuel and/or power supply to water heater and any electrical device or equipment which is attached or part of the system.

\*\* ELECTRIC MODELS: Disconnect and lockout power supply to heater.

2. Turn on hot water faucet nearest to heater and allow hot water to run until it becomes cool enough to handle safely. (Leave faucet open throughout step 13). Shut off inlet valve to heater (s).

3. Drain all water out of heater. Remove relief valve from heater and do not reinstall until cleaning is completed.

NOTE: Heater must be vented during cleaning in case Delimer comes in contact with the anode rod(s) which may produce flammable hydrogen-air mixtures.

4. Delime and rinse relief valve if probe is intact prior to step 12.

5. If heater is equipped with cleanout cover, remove if possible.

6. Remove drain valve. Pull out loose scale or sediment through cleanout; drain or lower element opening. Open and close inlet valve just enough to flush out.

7. If cleanout cover was removed, reinstall with new gasket.
  8. Install pipe nipple in drain valve opening and attach a plugged tee and standpipe.
  9. Using a funnel, pour in required amount of Delimer through standpipe. Replace anode rod(s) if not intact upon completion of cleaning.
  10. Allow Delimer to dissolve scale or until foaming stops. Repeat procedure if necessary.
  11. Drain Delimer from tank; flush down suitable drain with plenty of fresh water. Open cold water inlet valve and flush tank for 10 minutes.
  12. Close cold water inlet valve. Reinstall drain valve and relief valve. Check relief valve for proper operation or replace as necessary. Restore heater to original hook-up.
- \*\* ELECTRIC MODELS:** Replace elements using new gaskets.
13. Open cold water inlet valve and continue to fill heater until water flows from open hot water faucet for at least 2 minutes. Close faucet.
  14. Restore fuel and/or power supply. Follow heater manufacturers start-up instructions. Check for normal heater operations.

## **B) pH Reducer in Closed Systems**

1. Add product in small increments: 4-8 ozs. at a time
2. Test the system pH after allowing the product to circulate for 5 minutes
3. Record the pH and repeat until within recommended parameters

**Industrial Water Treatment By:**



**ALLIANCE GROUP, INC.**  
GERMANTOWN, WI 53022