



# SLUDGEHAMMER™ SYSTEM RESTORER & NOISE REDUCER TECHNICAL SPECIFICATION

Job Name _____	Item # _____
Location _____	
Engineer _____	Contractor _____
PO # _____	Tag _____
Representative _____	

## DESCRIPTION

- **Sludgehammer System Restorer and Noise Reducer** is a combination product for system cleaning and reducing kettling.
- Helps restore heating system efficiency.
- Suitable for all metals including aluminum, cast iron and stainless steel.
- For typical 25 gallon system use 1 quart. For larger systems, dose at a rate of 1% of the system volume.
- For noise reduction or annual maintenance, recirculate product for 4 hours. For heavily fouled systems, recirculate for up to 24 hours.
- Use with **Sludgehammer Universal Corrosion Inhibitor** as part of an annual heating system maintenance program.

## APPLICATION/USES

- Noise Reduction (Kettling).
- Improves heating system efficiency.
- \*For special applications which may not be covered on this or other Oatey literature, please contact Oatey Technical Services Department by phone 1-800-321-9532, or fax 1-800-321-9535, or visit our technical database web-site at [www.Oatey.com](http://www.Oatey.com).

## APPROVALS AND LISTINGS

Not applicable.

## WARNINGS OR CAUTIONS

- May cause an allergic skin reaction.

## DIRECTIONS FOR USE

**Dose Rate:** For a typical 25 gallon system, add 1 quart of material. For larger systems, dose at a rate of 1% of the system volume. Compatible with most antifreeze formulations.

1. Turn off gas and auto feeder. Disconnect electrical supply.
2. Open boiler drain valve 35298 and completely drain and flush system with water until it runs clear.
3. Mix one quart Sludgehammer System Restorer with one gallon water in a bucket.
4. Attach pump and hose to drain valve.
5. Prime pump and turn on. Pump must be able to overcome pressure of system.
6. Open drain valve and pump system restorer into system.
7. Without breaking suction, add enough water to completely fill system, then close drain valve and turn off pump.
8. Reconnect electric and circulate for 4 hours. If system is extremely fouled, circulate for 24 hours.
9. Completely drain and flush system to remove system restorer. Safe for sewer disposal.
10. Refill system, adding antifreeze and Sludgehammer Universal Corrosion Inhibitor.
11. Check corrosion and antifreeze levels annually.



## PHYSICAL PROPERTIES

pH	9.5 – 10.5
Density	1.025 – 1.035 g/cc
Appearance and Color	Opaque Liquid

## MATERIAL SAFETY INFORMATION

### FOR MORE INFORMATION ON THIS PRODUCT, REQUEST SAFETY DATA SHEET (SDS) #1617E

For Delivery By Fax	Call 1-800-321-9535
Internet	See SDS section of <a href="http://www.Oatey.com">www.Oatey.com</a>

PRODUCT NUMBER	SIZE	PACKING	WEIGHT/CASE
35298	32 oz.	6	15 lbs.

Access BIM/Revit content through [www.oatey.com](http://www.oatey.com)