

## Drain and Waste System Cleaner



**FOR PROFESSIONAL USE ONLY  
NOT FOR SALE TO OR USE BY CONSUMERS**

### DESCRIPTION

A chemically-reactive product which effectively removes deposits of carbonates, sulfates, phosphates, oxides, urinary salts and other mineral deposits. Triple action formula of virgin hydrochloric acid blended with selected corrosion inhibitors and a strong foam suppressant, **Sizzle** dissolves inorganic deposits that restrict flow of water and waste. Removal of these deposits restores heat transfer efficiency to boilers, radiators, and water heaters. **Sizzle** can be safely used with iron, steel, copper, brass, bronze and lead fixtures to quickly dissolve scale and mineral build-up from water, waste, heating, processing and air conditioning systems. Clears plaster, grout and concrete obstructions from new and old construction. **Sizzle's** SAF-T-POR Spout is provided free with each 1 gallon jug, permitting safe, easy, pinpoint application of **Sizzle** without hazardous splashing.

### SIZES AND PACKING

STOCK NO.	SIZE	PACKING	WEIGHT/CASE
20-305	1 qt.	12	32.4 lbs.
20-310	1 gal.	4	42.3 lbs.



specifications

Sizzle®

# Sizzle®

## Drain and Waste System Cleaner

SPEC SHEET #S00017



### APPROVALS AND LISTINGS

Not applicable.

### SPECIFIC USES

Sizzle uses a chemical reaction to safely and effectively dissolve hard water and other deposits of carbonates, sulfates, phosphates, oxides, urinary salts and other mineral deposits from piping and equipment.

### SPECIFIC APPLICATIONS\*

Removes scale, salts, mineralized deposits, slime, and corrosion to clean heating, cooling, plumbing equipment and tools. Does not contain phosphates.

### PHYSICAL PROPERTIES

Boiling Point: 181°F  
Solubility in water: Complete  
Appearance/color/odor: Light yellow liquid; acid odor.

### WARNINGS OR CAUTIONS

- DO NOT use or mix Sizzle with any other chemicals especially before, during, or after products containing chlorine bleach, caustic, or lye.
- **Keep out of reach of children.**
- Read all cautions and directions carefully before using this product.
- Use only in a ventilated area and avoid breathing fumes.
- Protect skin and eyes from liquid or vapor.
- Use goggles, face shield and rubber gloves to prevent burns.
- Generates profuse foaming when removing lime or scale. Add slowly to minimize foam and fuming.
- Sizzle should not be used to remove organic stoppages, to clean out septic tanks or grease traps, or to clear root blockages.
- **Sizzle is for PROFESSIONAL USE ONLY.** Not for sale to or use by non-professionals.
- DO NOT store near foodstuffs.
- Store away from other chemicals and away from copper or chrome plated objects including bare steel shelving/objects.
- DO NOT take internally.
- DO NOT wear contact lenses when using this product.
- DO NOT use on aluminum or magnesium. These metals as well as tin, nickel, zinc, chrome, galvanized and enameled surfaces, nylon, concrete, marble and terrazzo are attacked by this product. In case of contact wipe clean and flush with cold water.
- Prevent spillage onto skin, clothing, floors, lawns, or any other surfaces attacked by acid.
- The dissolving action of Sizzle may open up holes which had been plugged with rust and scale, particularly on old equipment. If this occurs, leakage should be immediately diluted with cold water and flushed away or mopped up while observing all necessary personal precautions. After spent solution of Sizzle has been discharged into drains or sewer lines, these lines should be flushed with plenty of water to further dilute the product.
- Safe for use in plastic and rubber plumbing. Pumps used to circulate Sizzle through a system must be acid resistant. Sizzle will damage nylon components occasionally used in centrifugal pumps.
- Never add water to Sizzle, as violent reaction will occur.
- Not for use in garbage disposals, dishwashers, clothes washers.
- Store in a cool, dry, well ventilated area. Replace cap tightly and secure after use.
- Store only in this container. DO NOT reuse empty container. When container is completely empty, rinse carefully with cold water before discarding or recycling to prevent accidental burns.

### DIRECTIONS FOR USE

WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES. HOLD PRODUCT AT ARM'S LENGTH. USE ONLY COLD WATER WHEN DILUTING Sizzle. The sizzling action of Sizzle may often be used as a guide to determine when the line is clear or when the solution is spent. While this sizzling action occurs with carbonate deposits, it does not occur when deposits consist of sulfate, phosphate and other insoluble salts. Therefore, sizzling action may be used as a guide, but when it does not occur, Hercules pH Test Papers should be used to determine active acid content of spent solution.

**GAS WATER HEATERS:** 1) Turn off heat source. 2) Drain all hot water and run until water is cold. 3) Shut off water supply to heater. 4) Break unions of inlet and outlet water lines and drain tank. 5) For a 30-gallon tank, add 4 gallons of cold water then 1 gallon of Sizzle. Allow solution to work 1 to 2 hours. 6) Flush out Sizzle solution to a drain, not to the floor. 7) Keep draincock open, connect up cold water line and flush thoroughly. 8) Close draincock, fill tank with cold water then drain. Repeat twice more. 9) Reconnect hot water side, fill tank and turn on heat source.

**HOT WATER COILS:** 1) Close the cold water feed valve to the tank or coil. 2) Break the nearest union on the cold water feed line to the unit. 3) Connect a standpipe into the cold water feed line to unit. Inlet must be at least 6" higher than hot water outlet line. 4) Break nearest union on hot water outlet line. 5) Make a solution of 1 quart Sizzle and 2 parts water and add to standpipe until solution runs out the hot water outlet. Hot water outlet should be at least 1" higher than coils. 6) Leave solution in unit until foaming stops. Unit is clean if adding more Sizzle solution does not produce more foaming. 7) Thoroughly back flush to remove residue and remaining acid solution by removing the standpipe and inserting water hose into hot water outlet of unit. Back flush through and out cold water inlet for at least 5 minutes after all foam or residue is removed.

**COOLING TOWERS, EVAPORATIVE CONDENSERS and HEAT EXCHANGERS:** 1) Drain sump, flush out, or remove all loose sludge and dirt to reduce Sizzle consumption. 2) Close bleed line and refill sump with clean water and start circulating pump. 3) Add 1 gallon Sizzle every 5 minutes up to 1 gallon for each 15 gallons of system capacity. 4) Circulate solution through equipment. Check pH every 10 minutes with a meter or test paper. Add Sizzle as necessary to maintain pH between 4 and 6 or lower for faster cleaning. Do not add more than 2 additional gallons of Sizzle per 15 gallons of system capacity without draining and flushing. 5) Cleaning is complete when little or no increase in pH occurs between measurements. 6) Drain and thoroughly flush twice before returning to service.

**UNIT HEATERS:** Fill steam/water coils with a solution of 2 parts water and 1 part Sizzle. If a recirculating unit is used, use 5 parts water to 1 part Sizzle. Allow solution to work until foaming stops, then flush.

**BOILERS:** Depending on scale build-up apply 10 to 15 parts of COLD water to 1 part Sizzle. After at least 12 hours, flush boiler thoroughly.

**TOILETS/URINALS:** 1) Flush to remove any other cleaning chemicals which might be present. 2) Add 1 to 1 1/2 pints Sizzle. Add 2 quarts for flush tanks. 3) Cover urinals to minimize fumes then allow Sizzle to work 15 to 30 minutes. 4) Brush and flush.

**CONCRETE, GROUT OR PLASTER BLOCKAGES IN LINES OR DRAINS:** Remove as much standing water as possible. Add Sizzle full strength. When sizzling stops or solution is spent, flush thoroughly with COLD water. Repeat treatment, if necessary.

### MATERIAL SAFETY INFORMATION

FOR MORE INFORMATION ON THIS PRODUCT, REQUEST MATERIAL SAFETY DATA SHEET (MSDS) #17.

For Delivery by Fax	Call 1-800-942-4636
Internet	See MSDS section of <a href="http://www.herchem.com">www.herchem.com</a>
Mail	Contact Hercules at address below or any Hercules representative

HMIS Hazard Warning 3-0-2-H

INGREDIENTS	CAS#
Hydrochloric Acid	7647-01-0

- For special applications which may not be covered on this or other Hercules literature, please contact Hercules Technical Services Department by phone at 1-800-221-9330 or send a fax to 1-800-333-3456.



**Hercules Chemical Company, Inc.**

111 South Street, Passaic, NJ 07055-9100

Phone: 800-221-9330 • Fax: 800-333-3456

e-mail: [info@herchem.com](mailto:info@herchem.com)

<http://www.herchem.com>

©2000 JARZ

