

Flip-Stick®

Spec Sheet #S00037
January 2001

Soot Destroyer



DESCRIPTION

Patented soot removal formula cleans away fuel consuming deposits of soot and carbon. Keeps heating units operating efficiently and economically. Works on all types of heating units. Reduces air pollution and fire hazards by eliminating soot and creosote build-up. Helps ensure complete combustion to lower fuel costs. **Flip-Stick** is safe to use and non-explosive. Exclusive "Corrosion-Shield" ingredient guards against corrosion on metal ducts, flues, etc.

Easy to use: Flip the stick into the hot chamber or firebox. Begins working immediately. No mixing, no measuring, no spraying, no package to open.

SIZES AND PACKING

STOCK NO.	SIZE	PACKING	WEIGHT/CASE
35-427*	85 gram	72 (3-2 dz.)	19.6 lbs.

* Display Box

specifications

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APPROVALS AND LISTINGS

Not applicable.

SPECIFIC USES

Used to improve heat transfer by removing costly insulating deposits.
Clears hazardous creosote build-up.

SPECIFIC APPLICATIONS*

Can be used on all types of heating units: Oil, gas, coal, coke including wood stoves and fireplaces.

PHYSICAL PROPERTIES

Specific Gravity: 0.95 to 1.0
Solubility in water: Partially
Appearance/color/odor: Bluish-green crystalline powder.
No odor.

WARNINGS OR CAUTIONS

- Read all cautions and directions carefully before using this product.
- Do not open **Flip-Stick**.
- Harmful if swallowed.

DIRECTIONS FOR USE

Operate burner for approximately 10 minutes or until combustion chamber or firebox is as hot as possible. Throw unopened **Flip-Stick** into hot combustion chamber, firebox or hearth while burner is operating or fuel bed is flaming. Use chart below to determine number of **Flip-Sticks** to use.

For Creosote Prevention and Removal: Use 1 (one) **Flip-Stick** for small boilers and hot water heaters. Use 2 (two) **Flip-Sticks** for average 1 (one) family house. Wood or coal stove: 2 (two) **Flip-Sticks** weekly for 4 (four) weeks, 1 (one) **Flip-Stick** per week thereafter. **Flip-Stick** may loosen creosote causing it to fall and accumulate in the lower portion of the chimney. Remove through chimney base clean-out.

Use one **Flip-Stick** for small boilers (up to 350-sq. ft. radiation - 80,000 BTU) and hot water heaters. Use two **Flip-Sticks** for each 700-sq. ft. of radiation - average one-family house.

Conversions: 1 sq. ft. of steam = approx. 240 BTU
1 boiler H.P. = approx. 34,000 BTU = approx. 140 sq. ft.

Boiler Rating Sq. ft. of Steam	Approx. BTU eqv. of Steam	Approx. BTU eqv. of Water	No. of 4 oz. Flip-Sticks required	House Size (if boiler rating is unknown)	Approx. No. of 4 oz. Flip-Sticks required
350	85,000	60,000	1	3 apartments	2
700	170,000	120,000	2	4 apartments	3
1,000	250,000	180,000	3	8 apartments	4
2,100	500,000	360,000	6	16 apartments	6
3,100	750,000	540,000	9	30 apartments	12
4,200	1,000,000	720,000	12	70 apartments	30
8,300	2,000,000	1,440,000	24	220 apartments	48
12,500	3,000,000	2,160,000	36		
21,000	5,000,000	3,600,000	60		

MATERIAL SAFETY INFORMATION

FOR MORE INFORMATION ON THIS PRODUCT,
REQUEST MATERIAL SAFETY DATA SHEET (MSDS) #37.

For Delivery by Fax	Call 1-800-942-4636
Internet	See MSDS section of www.herchem.com
Mail	Contact Hercules at address below or any Hercules representative

HMIS Hazard Warning 2-0-0-E.

INGREDIENTS CAS#

Copper Chloride 7447-39-4
Trisodium Phosphate 7601-54-9
NJ-T.S.R. #31348300 5032P, 5033P, 5034P

* 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.



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