

# FLOW-AIDE BIODEGRADABLE SYSTEM DESCALER FLOW-SPEC

## PRODUCT DESCRIPTION

### PRODUCT

**FLOW-AIDE** Biodegradable System Descaler

### DESCRIPTION

**FLOW-AIDE** is a non-hazardous, non-corrosive, non-injurious, nontoxic and biodegradable descaler that is heavily fortified with wetting and penetrating agents which actually dissolve water scale, lime, mud, rust, and other water formed deposits from water operated equipment.

### RECOMMENDED USES

**FLOW-AIDE** is a nontoxic concentrate which is certified to NSF/ANSI 60 for use as a cleaner in potable water systems. **FLOW-AIDE** is NSF registered for use in beverage, pharmaceutical, bottling, poultry, and other food processing plants. USFDA has no jurisdiction over the product, since it does not come in contact with food.

Suitable for use on:

Boilers	Ice Machines
Chillers	Potable Water
Condensers	Lines
Evaporators	Tanks
Heat Exchangers	Water Heaters
Humidifiers	

**FLOW-AIDE** has the ability to dissolve approximately two pounds (0.91 kg) of calcium carbonate scale per U.S. gallon while at 70°F (21°C), and in concentrated form. If the **FLOW-AIDE** is diluted, it will still dissolve two pounds per gallon, but will require additional circulating time.

### COLOR/CONSISTENCY

Yellow liquid

### TEMPERATURE RANGE USE

Optimal operating temperatures between 65°F (18°C) and 95°F (35°C).

Freeze Point of 20°F (-7°C)

### FLOW-SPEC

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This product is manufactured in the U.S.A.

## CERTIFICATION

**FLOW-AIDE** is NSF/ANSI 60 approved.

## ENVIRONMENTAL STATEMENT

**FLOW-AIDE** is biodegradable with a BOD value of 16 mg/l. This normally allows the solution to be water flushed down plant sewers. Check with local ordinances and regulations in your area prior to disposal.

**FLOW-AIDE** contains no volatile organic compounds (VOC).

## CORROSIVENESS

**FLOW-AIDE** does not corrode, erode, attack, oxidize or have other harmful effects on virtually any metal or materials commonly found in water systems such as: copper, fiber, leather, iron, rubber, steel, titanium, glass or other materials found in heat exchangers, vacuum pumps, evaporators, condensers, and/or other water cooled, water heated or water operated equipment, when used as directed.

## LIMITATIONS

When using 100% concentrated (non-diluted) **FLOW-AIDE** on magnesium, zinc, and/or aluminum, it could oxidize or pit. Furthermore, polished chrome and some alloys of stainless steel could become discolored. It is not recommended for use with concentrated solutions. If the alloy is designed for use in a water system (aluminum engine block, aluminum mold, etc.) the alloy should be compatible with the **FLOW-AIDE** solution. Otherwise, it is recommended that the **FLOW-AIDE** be diluted 50% or more with water when cleaning.

## WEIGHT PER U.S. GALLON

8.70 lbs. (3.9 kg) ± 0.2



## PACKAGING

### U.S. Measure:

<u>Stock Code</u>	<u>Size</u>
<b>Plastic Jug w/ Spout</b>	
FLOW32	Quart (.95 L)
FLOW1	Gallon (3.785 L)
<b>5 Gallon Plastic Pail w/ Handle</b>	
FLOW5	5 Gallon (18.9 L)
<b>55 Gallon Open Head Steel Drum</b>	
FLOW55	55 Gallon (208 L)
<b>275 Gallon Plastic Tote</b>	
FLOW275	275 Gallon (1041 L)

## SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
FLOW32	30 lbs. (13.6 kg)	12
FLOW1	57 lbs. (25.9 kg)	6
FLOW5	44 lbs. (20.0 kg)	1
FLOW55	502 lbs. (227.7 kg)	1
FLOW275	2603 lbs. (1180.7 kg)	1

## DIRECTIONS FOR USE

Mix well before using.

Use in conjunction with the **FLOW-AIDE System Descaler Kit**. See the Kit for complete instructions.

Before commencing a cleaning job utilizing **FLOW-AIDE**, all flexible or corrugated stainless steel should be temporarily replaced with rubber or similar hosing.

Do not circulate material for more than a six hour period without consulting the manufacturer. Most **FLOW-AIDE** cleaning applications can be accomplished within an average of two to four hours.

Agitating or circulating **FLOW-AIDE** with compressed air is not recommended.

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