



Manufacturer of products that protect against salt corrosion

The Royal Treatment

PRODUCT INFORMATION FOR SALT-AWAY'S MIXING UNIT

PART NUMBER: SAM (Salt-Away Mixing Unit)

Expectations of the Salt-Away Mixing Unit's operation are described below.

- The color of Salt-Away Concentrate is a rich, deep blue color.
- The reservoir does not empty. The color is blue until all Salt-Away is used, then clear.
- Dilutes at an average of 1 part water to 500 parts Salt-Away.
- The initial solution is rich blue when the reservoir is full of concentrate.
- With every use, the solution becomes more diluted and turns lighter.
- The final use, the lightest of blue before turning clear, is 1:500.
- All applications prior to then, are delivered with a richer solution.
- When there is blue color in the reservoir, the product is working.
- When the color is clear, it is only water. Time to refill with Salt-Away.
- Reservoir with used product is ok to save and use again until solution is clear
- The reservoir is imprinted with graduation marks for both fluid ounces and milliliters.

When used with garden hose and spray nozzle, one 6 fluid ounce reservoir covers 1,450 square feet (134.71 sq meters). Install inline between hose and nozzle. When used with a pressure washer, one 6 fluid ounce reservoir covers 8,200 square feet (761.80 sq meters). Install inline between hose and pressure washer.

ABOUT THE SALT-AWAY MIXING UNIT

The Salt-Away Mixing Unit is specifically designed to dispense the highly concentrated Salt-Away product. The reservoir's capacity is 6 fluid ounces (177 mL) and automatically dilutes the concentrate at an average ratio of 1:500.

The unit's handle is built with female American garden hose threads where the garden hose is to be connected. The outlet end is designed with male American garden hose threads available to accept any garden hose attachment, including our recommendation, the garden hose trigger spray nozzle.

For industrial applications, the Mixing Unit can be used with a pressure washer. The male-threaded outlet end can be connected to the water hose access port on the pressure washer.

The Mixing Unit is installed inline between the garden hose and the attachment, either the spray nozzle or pressure washer. The product is diluted prior to passing through the spray nozzle or the pressure washer.

The Mixing Unit is also designed with a valve and selector knob with 3 positions: Salt-Away (on), Off and Rinse. For almost all applications, we recommend *not* using the Rinse option to rinse the Salt-Away off with fresh water.

Salt-Away contains 2 vital ingredients: a corrosion inhibitor and the agent that removes the salt and breaks apart accumulated, hardened salt crystals. These ingredients do most of their work after the Salt-Away application is finished during the time the equipment is not in use.



Manufacturer of products that protect against salt corrosion

The Royal Treatment

PRODUCT INFORMATION FOR SALT-AWAY'S MIXING UNIT (Continued)

The clear plastic reservoir has a capacity of 6 fluid ounces (177 mL) and is imprinted with graduation marks in both fluid ounces and milliliters. The top of the reservoir is threaded and connects to and disconnects from the housing when it needs to be emptied of water, then filled with Salt-Away. A 2-inch (5.08 cm) o-ring sits in a groove at the top to seal the connection. If the o-ring is missing, the unit will leak in that area. It is important to keep track of its whereabouts; the unit will not work without it.

The Salt-Away Mixing Unit works by pressure, not siphon. Because of this method of operation, it does not dilute evenly. Testing revealed when the 6 fl oz reservoir is filled with Salt-Away Concentrate, the solution dispenses 24 gallons of mixture when all the product has been used.

PART NUMBER: SAM12-IA (Salt-Away Mixing Unit with 12 Fl Oz Reservoir - Industrial Applications)

This Mixing Unit comes with a 12 fluid ounce (355 mL) reservoir. Number of times to refill is less. It operates the same as the standard (6 Fl Oz) model. The dilution ratio is the same as the standard model.

The reservoir's dimensions are 2.0 inches (5.08 cm) wide x 8.25 inches (20.96 cm) long. Due to the size of the reservoir being very long with a narrow width, if the unit is attached to a pressure washer or attached to other equipment which is meant to be stationary (as opposed to be hand-held and in motion) it works better if placed in a horizontal position. Gravity equalizes the solution and mixes better. If in a vertical stationary position, the water entering into the reservoir does not have enough pressure to reach the bottom and mix with all the product.

- When used with garden hose and spray nozzle, one 12 fluid ounce reservoir covers 3,100 sq ft (288.00 sq meters). Install inline between hose and nozzle.
- When pressure washer is used, one 12 fluid ounce reservoir covers 18,200 sq ft (1,690.83 sq meters) Install inline between hose and pressure washer.

INTERNATIONAL CUSTOMERS

We are aware that many areas around the world use plumbing and gardening equipment manufactured with connecting threads that are designed differently than the American Garden Hose threads. Since the Salt-Away Mixing Unit is manufactured with the American Garden Hose threads, they do not match or fit garden hoses manufactured outside the United States.

For international customers who purchase Salt-Away products, we provide ½ of what is known as a 'Quick Connector Set'. The Quick Connector sets are required to adapt the Salt-Away Mixing Unit to water hoses with threads different from American hose threads. The half of the set we provide, match the threads on our Mixing Units. The customer must supply the other ½ of a Quick Connector set designed with threads that fit your local water hoses to make the connection complete.

The Hose Quick Connector Sets can be found at gardening stores. To learn more about this equipment, search online in your area for 'Hose Quick Connector Set'.



Manufacturer of products that protect against salt corrosion

The Royal Treatment

SALT-AWAY MIXING UNIT RESERVOIR COVERAGE INFORMATION
 Water pressure at testing site measured 60 psi (4.22 Kg/cm)

HOSE END SPRAY NOZZLE APPLICATION

Size of Reservoir	6 FL OZ (177 ML)	12 FL OZ (355 ML)
Approx. Dispensing Time	8 min 10 sec	17 min 09 sec
Approx. Volume Dispensed	22 US Gal (83 L)	45 US Gal (170 L)
Coverage	Approx: 1,450 ft ² (134.71 m ²)	Approx: 3,100 ft ² (288.00 m ²)

PRESSURE WASHER APPLICATION - EQUIPMENT OUTPUT: 1800 PSI (126.58 KG/CM)

Size of Reservoir	6 FL OZ (177 ML)	12 FL OZ (355 ML) (Horizontal Position)	12 FL OZ (355 ML) (Vertical Position)
Approx. Dispensing Time	44 min 45 sec	1 hr 40 min	1 hr 35 min
Approx. Volume Dispensed	55 US Gal (208 L)	120 US Gal (454 L)	117 US Gal (743 L)
Coverage	Approx: 8,200 ft ² (761.80 m ²)	Approx: 18,200 ft ² (1,690.83 m ²)	Approx: 17,250 ft ² (1,602.58 m ²)

The difference in area coverage is due to the speed rate at which the solution is dispensed.

If the 12 fl oz (355 ml) reservoir is attached to a mixing unit positioned to remain stationary while in use, better results are achieved if the unit is positioned horizontally.

THE SALT-AWAY MIXING UNIT

WARNING: Do you know what your water pressure is? Using the Salt-Away Mixing Unit with water pressure above 60 psi (4.22 Kg/cm), or uncontrolled water pressure that can spike above 60 Psi (4.22 Kg/cm), can cause breakage to the Unit. Use of a pressure regulator (reducer) pre-set to 40-50 psi (2.81-3.52 Kg/cm) to ensure pressure below 60 psi (4.22 Kg/cm) is highly recommended. Warranty does not cover failure due to high water pressure.

To see some examples of water pressure regulators that reduce water pressure to pre-set levels, below are 2 website addresses where some examples are shown. There are other sites where these items are displayed. Disclaimer: Salt-Away Products, Inc. has no affiliation with these sources, whatsoever.

<http://www.walmart.com/ip/Camco-Brass-Water-Regulator/14504323>

<http://www.amazon.com/Camco-40053-Brass-Pressure-Regulator/dp/B000BQ7WH2>