SALT-AWAY DESCRIPTION, CHARACTERISTICS AND CONTENT

PRODUCT DESCRIPTION
Salt-Away is a water-based liquid, uniquely developed to remove sodium chloride (salt) and other solubles from any type surface. When applied to surfaces and not rinsed off, it offers protection from rusting and corrosion. It does not contain hazardous or toxic ingredients, ecologically or environmentally unsafe ingredients, hydrocarbon solvents, oil based products, or ingredients which remove lubrication products. Salt-Away is very concentrated, and should be diluted for best results.

SAFE TO USE ON:
Iron, Steel, Stainless Steel, Iron, Magnesium, Copper Brass, Aluminum, Chrome, Alloys, Fiberglass, Gel Coat, Nylon, Isinglass, Vinyl, Plastic, Glass, Wood, Leather, Rubber, Canvas, Wax, Paint, Finished Surfaces.

FEATURES
• Removes salt and salt build-up
• No scrubbing, just spray on
• Safe on all metals and other water-safe surfaces
• Extends life of equipment
• Normal maintenance time for salt removal cut by 75%
• Shelf life is indefinite
• Easy to apply by power washers, garden hose fittings, and immersion methods.

PACKAGING & STORAGE
Salt-Away is available in the following sizes:
4 & 16 ounce spray bottles (diluted blend), 32 & 128 ounce bottles; (concentrated blend) 15, 30, & 55 gallon drums. Store in ambient temperature. Do not freeze.

SAFETY MEASURES
If exposed to eyes, flush with fresh water for about 15 minutes. Will not cause blindness. If swallowed, will not cause illness. Slight stomach ache may occur if more than 250 ml (8 oz) is ingested.

APPLICATIONS
Salt removal from:
All salt water boating equipment including engines, hull, sails, decks, railings; fishing rods, reels, guides, lines; sport and commercial diving equipment; fittings, recessed bolts, generators, hinges, winches, lock sets, valves & gauges, pneumatic & hydraulic equipment, radar systems, refrigeration systems, air conditioners, salt water toilet systems, satellite communication towers & systems, transformers, water-safe electronic & electrical equipment, optical lenses, printed circuit boards.

OTHER APPLICATIONS
Military and privately owned aircraft exposed to salt water and salt air including helicopters, airplanes, missiles, launchers. Also, salt mining equipment, salt spreaders, snow plows, trucks, autos, motorcycles, car washes, fertilizer equipment, hide tanning equipment, water softener units, sea-side hotel, business and home outdoor furnishings, aluminum door and window frames. All manufacturing equipment exposed to salt.

PHYSICAL PROPERTIES
Boiling Point (deg. F) - Approx. 212
Freezing Point (deg. F) - Approx. 31.29
Vapor Pressure (mm Hg) - Approx. 18
Solubility in Water - Complete
Appearance & Odor - Clear dark blue liquid. Mild odor.
Specific Gravity (H_2O) =1) - 1.06
Percent Volatile - Approx. 88, VOC = 64
Reactivity in Water - None
pH - Approx. 6

HTC: 3402.20.1100 - Organic surface-active agent. Mixed with water at a concentration of 0.5 at 20 degrees C, left to stand for one hour at the same temperature gives a transparent or translucent liquid or stable emulsion without separation of insoluble matter, and reduces the surface tension of water to 4.5×10^{-2} N/m (45 dyne/cm) or less.

There are 2 conditions necessary for Salt-Away to remove salt from large surfaces. 1.) During the application, consistent water pressure of no less than 50 psi must be applied to dispense the product. 2.) Complete and thorough runoff must occur. Except for salt build-up areas, the results are immediate. If these conditions do not exist, it is not possible to completely remove the sodium chloride.
HOW SALT-AWAY WORKS:
Vertical Surface: Upon reaching the surface to be treated, the Salt-Away solution immediately dissolves any soluble contaminant. As runoff begins, ingredients in the product will not allow the soluble contaminants in their dissolved state to attach to the surface, and a "sheeting" effect is created allowing the runoff to carry the contaminants to the exit point of the equipment. If the pressure is not strong enough to cause complete runoff, the solution will dissolve the soluble contaminants, the runoff will begin, slow to a drizzle, and eventually stop before reaching the removal area.
Horizontal Surface: The method for removal is more difficult, but can be accomplished by "pushing" the dissolved contaminants with the pressurized spray or stream of the application until they are pushed off the surface.
No Outlet Surface: Example: Salt-contaminated floors where there is

no drain. Pressure is not necessary to apply the Salt-Away solution. Solution should be 1.5% Salt-Away by volume. Area must be treated with enough solution to cause standing liquid. Allow solution to stand at least 10 minutes, but do not allow to evaporate. Salt removal must be accomplished by vacuum method. The most common device used is known as a "wet-vacuum" machine.
Immersion: Immerse small objects in a 1.5% solution by volume.
There is no product that can cause salt and other solubles to disappear or vanish from a surface just by dissolving them. Salt crystals are a mineral of the earth, and if removal is desired, they will go somewhere, either by runoff, vacuuming, or manual removal. And ultimately, they are moved to reside in another location, just as they were moved from a previous location to your equipment.
Lab Testing:
If immersion testing is performed, the maximum content of Salt-Away in the solution is 10% Salt-Away, with 90% water. There is no application where Salt-Away is used for its intended purpose where a stronger solution is recommended or required. If testing is performed where a higher percentage of Salt-Away is mixed with water, Salt-Away Products, Inc. does not claim satisfactory results, or will be responsible for failure of desired test results.