



# AQURON® Chlor-Gone™

Proven Since 1985

## Liquid Soluble Salt Remover HIGH PERFORMANCE CLEANERS

### MANUFACTURER

**AQURON®** Corporation International  
Post Office Box 758  
Rockwall, Texas 75087 U.S.A  
972-722-5444 Phone  
972-722-6412 Fax  
800-342-4649 Toll Free  
888-412-1543 Toll Free Fax  
E-Mail: [info@aquron.com](mailto:info@aquron.com)  
Website: [www.aquron.com](http://www.aquron.com)

### PRODUCT DESCRIPTION

AQURON® Chlor-Gone™ is a clear, green liquid concentrate that dilutes to clear blue and removes chlorides, sulfates and most other soluble salts from a variety of surfaces such as ferrous and non-ferrous metals, concrete, wood, plastic, foam plastic and others. AQURON® Chlor-Gone™ is a non-volatile, organic compound that is biodegradable.

### BASIC USE

AQURON® Chlor-Gone™ is recommended as wash solution to remove soluble chlorides prior to application of primers or coatings on a variety of surfaces. AQURON® Chlor-Gone™ will remove soluble chlorides on a variety of surfaces such as ferrous and non-ferrous metals, concrete, wood, plastic and others. Soluble salts extract moisture from the air causing protective coatings to fail. Soluble salts can also cause degradation of the substrate, including ferrous and non-ferrous metals, concrete surfaces, foam plastics and others. Soluble salts left unchecked will contaminate and corrode into deep pockets in the substrate, making decontamination more important and formidable.

Protective topical coating failures are costly due to repairs and lost productivity, and can be hazardous. AQURON® Chlor-Gone™ is diluted using available water sources. AQURON® Chlor-Gone™ has a wide range of applications such as off-shore oil wells, ocean going ships, barges and tankers, harbor facilities, maritime operations, bridges and machinery exposed to road salts, and beach front properties.

### SOME ATTRIBUTES

- Remove soluble salt from many different surfaces.
- Penetrates deeply into steel.
- Removes very deep salt contamination.
- Dilutes, using most available water sources.
- Won't interfere with adhesion of topical coatings.
- Extremely economical.
- Ships in concentrate form.
- Remove soluble salt from many different surfaces.
- Dilutes 1 part to 100 parts water.
- Non-hazardous to applicator.
- No VOC/VOS content.
- Non-flammable.
- No freeze harm.
- Environmentally safe
- User friendly
- Simple spray application.

### PRECAUTIONS

- Keep out of reach of children.
- Do not mix with other chemicals.
- Maintain a safe working environment.

### COMPOSITION

AQURON® Chlor-Gone™ is a proprietary blend in a buffered acidic base that is a green clear liquid.

### PHYSICAL PROPERTIES

Physical	liquid
Color	green to blue
Odor	slight specific
Gravity	1.01 to 1.02
Weight per U.S. Gallon	7.60lbs/3.44kg
pH	1.5 to 1.8
Boiling Point	230°F/110°C
Freeze Temperature	32°F/0°C
Hazardous Vapors	none
Boiling Point	216°F
Environmentally	neutral
User	friendly
Shelf life	36 months
Freeze Harm	none (allow to thaw completely)
Flammability	none
VOC/VOS Content	none
Waste Disposal Method	non-hazardous
Ambient Temperature Range	40°F-250°F
Ideal Product Temp. at Application	80°F-120°F
Coverage Rate	500-1000sq.ft. per U.S gal/ 11m <sup>2</sup> -24m <sup>2</sup> per Liter

## APPLICATION

### Job Conditions

1. Do not proceed with application of AQURON® Chlor-Gone™ if ambient temperature and/or substrate temperatures are below 40°F/4°C.
2. AQURON® Chlor-Gone™ is a water borne product and as such must have access to the surface. Any coatings, corrosion, or build-ups of oil or grease must be removed before applying AQURON® Chlor-Gone™.

### Application Procedures

1. Coverage rate is 500-1000 sq ft per U.S. Gallon / 11m<sup>2</sup>-24m<sup>2</sup> per Liter, depending upon type of material being decontaminated.
2. Application should be by high pressure hot water blaster.
  - a. Add AQURON® Chlor-Gone™ to the water of the water blaster at a dilution ration of 1:100. Application rate can vary depending on contamination level and water quality.
  - b. Add AQURON® Chlor-Gone™ to a supply reservoir, use with a down stream siphon injector tube or metering pump.
  - c. Using a minimum 3000 p.s.i. pressure washer, flush washer lines prior to application.
  - d. To make sure all surfaces are properly washed, hold pressure washer nozzle 6"-12"/150mm-300mm from surface.
  - e. Begin application to lowest possible area and proceed to the higher elevations. On vertical applications (walls), start at bottom and proceed up the surface.
  - f. For best results, use warm water 80°F-120°F, with 100°F/37°C being ideal.

- g. In areas of corrosion or deep pitting, washing operation should be slowed to insure AQURON® Chlor-Gone™ penetrates corrosion cells.
- h. Do not rinse.
  - When blasting with wet abrasives, use 1 U.S. Gallon of AQURON® Chlor-Gone™ to 100 gallons (1Liter - 100Liter) of potable water.

Because of the wide variety of surfaces that AQURON® Chlor-Gone™ can be utilized on, and the variance of weather conditions, the above application procedures are general in scope. A test area is recommended with a pretreatment and post treatment test to determine if surface is free of contamination. Adjust pressure, speed of travel, water temperature, as necessary, and re-treat to achieve desired cleanliness level of surface if necessary.

## CLEAN-UP AND SAFETY

Clean equipment using only potable water. Never store equipment without cleaning and following manufacturers recommendations for storage between usage.

## SHELF LIFE

Shelf life is 36 months (3 years), provided containers are kept tightly sealed when not in use.

## PACKAGING

AQURON® Chlor-Gone™ is available in 1 gallon/3.8 liters, 5 gallon/19.4 liters, and 55 gallon/213.4 liters drums, and bulk containers.

## TECHNICAL SERVICES

Technical information and assistance may be obtained from your local dealer, or by calling the technical department of the AQURON Corporation at (972) 722-5444, (800) 342-4649 Office, or (972) 722-6412 FAX or toll free FAX (888) 412-1543. E-mail welcome – info@aquron.com

### Warranties and Limitations of Liability

Aquron Corporation ("Seller") warrants that if any goods supplied prove defective in workmanship or materials, that Seller shall replace them or refund their purchase price. Aquron Corporation offers a performance warranty for this Aquron® product. The warranty for the performance of this Aquron® product must be requested from the Aquron Corporation and initiated prior to applying this Aquron® product. Failure to initiate warranty of performance prior to application, holds harmless Aquron Corporation of any liability arising from its use, and user assumes all risk and liabilities whatsoever in connection therewith. The terms of this paragraph may not be orally modified. There are no warranties express or implied which extend beyond the face herewith.

### Local Area Representative