



## Safety Data Sheet

### 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:**.....**AC 120**  
**PRODUCT NUMBER:** .....AC120  
**DESCRIPTION:** .....Water Treatment Chemical  
**OTHER MEANS OF IDENTIFICATION:** .....Almost colorless to pale yellow, no odor.  
**RECOMMENDED USE:** .....Water Treatment Chemical.  
**RESTRICTIONS ON USE:** .....Use only as directed.

**COMPANY:**..... CHEMTRON CORPORATION  
3500 Harry S. Truman Blvd  
St. Charles, MO 63301  
636-940-5445 (Mon-Fri., 8:00-4:00)  
www.chemtroncorporation.com

**EMERGENCY PHONE:** .....(800) 424-9300 (CHEMTREC)  
**REVISION DATE:** .....APRIL 20, 2017

### 2 – HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:**.....While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available to all users of this product.

**CLASSIFICATION 29 CFR 1910.1200:** .....This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard.

**GHS SIGNAL WORD:** .....**None**  
**GHS HAZARD STATEMENTS:** .....None  
**GHS PRECAUTIONARY STATEMENTS:** .....None

### 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER
Aluminum chlorohydrate	50	12042-91-0

The exact percent by weight of the ingredients in this formulation is proprietary.



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### 4 – FIRST-AID MEASURES

- BREATHING (INHALATION):**..Move to fresh air. No hazards which require special first aid measures. Get medical attention if you feel unwell.
- SWALLOWING (INGESTION):**..Rinse mouth with water. Do NOT induce vomiting. Call a physician or poison control centre if you feel unwell.
- EYES:**.....If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Immediately, call a doctor.
- SKIN (DERMAL):** .....Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.
- ACUTE SYMPTOMS:**.....None under normal use.
- DELAYED EFFECTS:** .....None under normal use.
- IMMEDIATE OR SPECIAL TREATMENT:** .....If swallowed; immediately call a poison center or physician.

### 5 – FIRE-FIGHTING MEASURES

- FLASHPOINT:**.....Does not flash.
- EXTINGUISHING MEDIA:** .....Non-combustible. As appropriate for surrounding fire.
- SPECIAL FIRE FIGHTING PROCEDURES:** .....Combustion or thermal decomposition will evolve toxic and irritant vapors. A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

### 6 – ACCIDENTAL RELEASE MEASURES

- SPILL PROCEDURES:**.....Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
- PERSONAL PRECAUTIONS:**....Avoid contact with skin and eyes. Wear protective gloves/eyes protection.

### 7 – HANDLING and STORAGE

- STORAGE:** .....Keep in a cool, well ventilated place. Store at temperatures not exceeding 50 C / 122 F. Protect from sunlight. This product should be stored away from source of strong heat, oxidizing chemicals, and reducing agents.
- HANDLING:**.....Avoid contact with skin and eyes. When using, do not eat, drink or smoke.



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### 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE LIMITS:** .....Avoid release to the environment.

INGREDIENT	SOURCE & PARAMETER	EXPOSURE LIMIT
Aluminum Chlorohydrates, as Al	OSHA PEL	15 mg/m <sup>3</sup>
	ACGIH TLV	1 mg/m <sup>3</sup>

**PROTECTIVE CLOTHING:** .....Chemical goggles, face shield, always wear eye protection when working with any chemical. Impervious gloves, clean body covering, rubber apron, rubber boots.

**ADDITIONAL MEASURES:**.....Ensure adequate ventilation, especially in confined areas. Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

### 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE:** .....Almost colorless to pale yellow liquid.

**ODOR:** .....Odorless.

**BOILING POINT:** .....100 (C) (212 F)

**VAPOR PRESSURE:**.....Similar to water.

**VAPOR DENSITY (AIR=1):** .....Similar to water.

**SPECIFIC GRAVITY:** .....1.34

**pH:** .....No data available.

**SOLUBILITY IN WATER:** .....No data available.

**FLAMMABILITY:** .....Not Flammable

**EVAPORATION RATE:**.....Similar to water.

**MELTING POINT/FREEZING POINT:** .....< 5 C

### 10 – STABILITY and REACTIVITY

**REACTIVITY:** .....Stable under recommended storage conditions.

**STABILITY:**.....Stable under recommended storage conditions.

**HAZARDOUS POLYMERIZATION:** .....Not anticipated.

**INCOMPATIBILITY:** .....Substances that react with water or aluminum.

**HAZARDOUS REACTIONS:** .....Incompatible materials.

**HAZARDOUS DECOMP:** .....None anticipated.



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### 11 – TOXICOLOGICAL INFORMATION

**LIKELY ROUTES OF EXPOSURE:** .....Skin and/or eye contact. Ingestion. Inhalation.

**TOXICOLOGICAL CHARACTERISTICS:** .....No data available.

**DELAYED EFFECTS:** .....Unlikely to cause eye or skin irritation.

**IMMEDIATE EFFECTS:** .....It is not a skin sensitizer.

**CHRONIC EFFECTS:** .....Not Known.

**LISTED CARCINOGEN:** .....It is unlikely to present a carcinogenic hazard.

INGREDIENTS	DATA
Aluminum chlorohydrate	Acute oral rat LD50 9187 mg/kg
Aluminum Chlorohydrate	Dermal rat LD0 >2000 mg/kg

### 12 – ECOLOGICAL INFORMATION

#### ENVIRONMENTAL FATE AND DISTRIBUTION:

PRODUCT	DATA
Aluminum Chlorohydrate	Fathead minnow LC50 609 mg/l 96 hour
Aluminum Chlorohydrate	Daphnia magna LC50 397 mg/l 48 hour

**PERSISTENCE AND DEGRADABILITY:** .....Not readily biodegradable.

**BIOACCUMULATIVE POTENTIAL:** .....This product is not expected to bioaccumulate.

**MOBILITY IN SOIL:**.....No data available.

**OTHER ADVERSE EFFECTS:** ..None.

### 13 –DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** .....Dispose of in accordance with all local, state and federal regulations.

### 14 – TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:**.....Not Regulated

### 15 - REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SRA Title III Chemical Listings:

**TSCA (Toxic Substance Control Act) STATUS:** .....All ingredients listed or exempt.

**SECTION 311/312:** .....Not Hazardous. None.

**SECTION 302:**.....None.

**SARA SECTION 313:**.....None.

**US EPA CERCLA:** .....None Hazardous



## Safety Data Sheet

### 16 – OTHER INFORMATION

#### NFPA HAZARD RANKING

HEALTH	FIRE	REACTIVITY	SPECIAL
0	0	0	

#### HMIS HAZARD RANKING

HEALTH	FIRE	REACTIVITY	PPE
0	0	0	

This data is offered in good faith and believed to be accurate, but it is for the users to satisfy themselves of the product suitability for their own purpose. There is no warranty expressed or implied. The recommended hygiene and safe handling procedures are believed to be generally applicable.