

**Product name** ClearView Algaecure**Revision date** 5-31-17**Section 1 Identification****Product ID:** Algaecure**Chemical Name:** Trichloro-S-Triazinetrione  
**Synonyms:** Trichloroisocyanuric acid; Trichloro-S-Triazinetrione, Symclosene  
1,3,5-Trichloro-1,3,5-triazine-2,4,6(1H,3H,5H)-trione, TCCA, Trichlor;**Chemical Formula:**  $C_3Cl_3N_3O_3$ **CAS Number:** 87-90-1**Product Use:** Effective for Black and Green Algae Infestations**Supplier:** Oreq Corporation  
42306 Remington Avenue  
Temecula, CA 92590  
951-296-5076**Emergency Phone#** Chemtrec: 1-800-424-9300**Section 2 Hazards identification****GHS CLASSIFICATION:** Ox. Sol. 2 H272, May intensify fire; oxidizer.  
Acute Tox. 4, H302 Harmful if swallowed  
Acute Tox 2. H332 Harmful if inhaled  
Skin corrosion /irritation 1C, H312 Harmful in contact with skin  
Eye Damage 1, H318 Causes serious eye damage  
Eye Irritation 1, H319 Causes serious eye irritation  
Specific Target Organ Toxicity 3, Single Exposure  
Aquatic Acute 1, H400 - Very toxic to aquatic life  
Aquatic Chronic 1, H410 - Very toxic to aquatic life with long lasting effects**GHS SIGNAL WORD:** DANGER**HAZARD PICTOGRAMS:****Hazard Statement(s)**H272 - May intensify fire; oxidizer  
H302 - Harmful if swallowed  
H330 - Fatal if Inhaled  
H314 - Causes severe eye burns and eye damage  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation  
H410 - Very toxic to aquatic life with long lasting effects**Precautionary Statement(s):**P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. (In case of inadequate ventilation) wear respiratory protection.  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking



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P220 - Keep/Store away from clothing/ combustible materials  
P271 - Use only outdoors or in a well-ventilated area  
P273 - Avoid release to the environment

**Response Statement(s):**

P330 - Rinse mouth  
P391 - Collect spillage  
P370 + P378 - In case of fire: Use plenty of water to extinguish  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for 15-20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT Induce vomiting  
P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]  
P363 - Wash contaminated clothing before reuse.  
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P310 - Immediately Call a POISON CENTER / doctor.

**Storage Statement(s):**

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed  
P405 - Store locked up

**Disposal Statement(s):**

P501 - Dispose of contents/container in accordance with national and international regulations

**NFPA Ratings (Scale 0-4)** Health = 3, Fire = 0, Reactivity = 2. Special Hazard Warning: OXIDIZER.  
**HMIS Ratings (Scale 0-4)** Health = 3, Fire = 0, Reactivity = 2

### Section 3 Composition / Information on ingredients

<u>Component</u>	<u>CAS Number</u>	<u>Percent</u>
Trichloro-S-Triazinetrione	87-90-1	99%

### Section 4 First - aid measures

**Inhalation** Move person to fresh air. If person is not breathing, give artificial respiration, preferably by mouth-to-mouth, if possible. Get medical attention for further treatment advice.

**Skin contact** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Get medical attention for further treatment advice.

**Eye contact** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention for further treatment advice.

**Ingestion** Get medical advice IMMEDIATELY. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so.

**Note to Physician** Probable mucosal damage may contraindicate the use of gastric lavage. of the product.

**Most Important Symptoms/Effects (Acute and Delayed):**



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**Acute Symptoms/Effects:** Listed below.

**Inhalation (Breathing):** Respiratory System Effects: Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema. The pulmonary edema may develop several hours after a severe acute exposure.

**Skin:** Skin Corrosion. Exposure to solid along with moisture may cause redness, Irritation, burning sensation, swelling, blister formation, first, second, or third degree burns.

**Eye:** Serious Eye Damage. Exposure to eyes may cause irritation and burns to the eye lids, conjunctivitis, corneal edema, and corneal burn. Significant and prolonged contact may cause damage to the internal contents of the eye.

**Ingestion (Swallowing):** Gastrointestinal Effects: Exposure by ingestion may cause irritation, nausea, and vomiting. May cause local tissue damage to esophagus and stomach such as burning, inflammation, local ulceration, and may cause gastrointestinal bleeding.

**Delayed Symptoms/Effects:** -Repeated and prolonged skin contact may cause a dermatitis

**Interaction with Other Chemicals Which Enhance Toxicity:** None known.

**Medical Conditions Aggravated by Exposure:** May aggravate preexisting conditions such as: eye disorders that decrease tear production or have reduced integrity of the eye; skin disorders that compromise the integrity of the skin; and respiratory conditions including asthma and other breathing disorders.

**Protection of First-Aiders:** Protect yourself by avoiding contact with this material. Use personal protective equipment. Refer to Section 8 for specific personal protective equipment recommendations. Avoid contact with skin and eyes. Do not ingest. At minimum, treating personnel should utilize PPE sufficient for prevention of blood borne pathogen transmission.

**Notes to Physician:** Treat as a corrosive substance. This material is more irritating to the skin and eyes in the presence of water. For prolonged exposures and significant exposures, consider delayed injury to exposed tissues. There is no antidote. Cyanuric acid is readily removed from the body via the renal system, and is not bioaccumulated. Treatment is supportive care. Follow normal parameters for airway, breathing, and circulation.

### Section 5 Fire - fighting measures

**Fire Hazard:** Negligible fire hazard. If heated by outside source to temperatures above 240 C (464 F), this product will undergo decomposition with the evolution of noxious gases but no visible flame. Wet material may generate nitrogen trichloride, an explosion hazard.

**Extinguishing Media:** Flood with copious amounts of water, Do not use ABC fire extinguishers, Do not use dry chemicals, carbon dioxide, or halogenated extinguishing agents

**Fire Fighting:** Consider evacuation of personnel located downwind. Keep unnecessary people away, isolate hazard area and deny entry. Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Wear NIOSH approved positive-pressure self-contained breathing apparatus operated in pressure demand mode. Material which appears undamaged except for being damp on the outside, should be opened and inspected immediately. DO NOT attempt to reseal contaminated drums. Damp material should be neutralized to a non-oxidizing state.

**Hazardous Combustion Products:** Chlorine, Nitrogen, Nitrogen trichloride, Cyanogen chloride, Oxides of carbon, Phosgene.



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**Physical Hazards Not Otherwise Classified**

Reacts in contact with water to evolve nitrogen trichloride, an explosion hazard  
Contact with water liberates toxic gas

### Section 6 Accidental release measures

**Personal Precautions:**

Keep unnecessary and unprotected persons away. Isolate hazard area and deny entry. Do not get in eyes, on skin or on clothing. Do not breathe dust, fume, gas, mist, vapors, or spray. Wear appropriate personal protective equipment recommended in Section 8, Exposure Controls / Personal Protection, of the SDS. Keep away from combustible materials.

**Methods and Materials for Containment and Cleaning Up:**

DO NOT add water to spilled material. DO NOT use floor sweeping compounds to clean up spills. Sweep and scoop spilled material into clean, dedicated equipment. Every attempt should be made to avoid mixing spilled material with other chemicals or debris when cleaning up. DO NOT attempt to reseal contaminated drums. DO NOT transport wet or damp material. Damp material should be neutralized to a non-oxidizing state.

**Environmental Precautions:**

This material is very toxic to aquatic life. This material is very toxic to aquatic life with long lasting effects. Keep out of water supplies and sewers. Releases should be reported, if required, to appropriate agencies.

### Section 7 Handling and storage

**Precautions for Safe Handling:**

Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or dust when opening container. Avoid creation of dust. Wash thoroughly after handling. Wear personal protective equipment as described in Exposure Controls/Personal Protection (Section 8) of the SDS. NEVER add water to this product. Always add product to large quantities of water. Use clean, dry utensils. Do not add the product to any dispensing device containing residuals of other products. Keep away from heat, sparks, flame and other sources of ignition.

**Safe Storage Conditions:**

Store and handle in accordance with all current regulations and standards. (NFPA Oxidizer Class 1 ). Store away from open flames, and combustibles. Do not allow water to get in container. If liner is present, tie after each use. Keep container tightly closed and properly labeled. Store containers on pallets. Keep away from food, drink and animal feed. Keep separated from incompatible substances (see below or Section 10 of the Safety Data Sheet). Product has an indefinite shelf life if stored in original container in a cool, dry place.

**Incompatibilities/ Materials to Avoid:**

Acids, ammonia, bases, floor sweeping compounds, calcium hypochlorite, reducing agents, organic solvents and compounds

**GHS: PHYSICAL HAZARDS:**

Oxidizing Solid - Category 2 - May intensify fire; oxidizer

**Physical Hazards Not Otherwise Classified**

Reacts in contact with water to evolve nitrogen trichloride, an explosion hazard  
Contact with water liberates toxic gas



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### Section 8 Exposure controls / personal protection

**Regulatory Exposure Limit(s):** None. This product does not contain any components that have regulatory occupational exposure limits (OEL's) established.

OEL: Occupational Exposure Limit; OSHA: United States Occupational Safety and Health Administration;  
PEL: Permissible Exposure Limit; TWA: Time Weighted Average; STEL: Short Term Exposure Limit

**Non-Regulatory Exposure Limit(s):** No occupational exposure limits have been established at this time.  
The Non-Regulatory United States Occupational Safety and Health Administration (OSHA) limits, if shown, are the Vacated 1989 PEL's (vacated by 58FR 35338, June 30, 1993)

The American Conference of Governmental Industrial Hygienists (ACGIH) is a voluntary organization of professional Industrial hygiene personnel in government or educational institutions in the United States. The ACGIH develops and Publishes recommended occupational exposure limits each year called Threshold Limit Values (TLVs) for hundreds of chemicals, physical agents, and biological exposure indices.

Recommended Exposure Limits (REL's) are non-regulatory occupational exposure limits that the manufacturer has established based on health effects data.

COMPONENT	OXY REL 8 hr TWA	OXY REL STEL	OXY REL Ceiling
Trichloro-s-triazinetrione 87-90-1 (98-100)	0.5 mg/m <sup>3</sup>	-	-

#### Additional Advice:

1. Chlorine and chlorine compounds may be found in slight amounts in the head space of containers of this product.

**ENGINEERING CONTROLS:** Use only in well-ventilated areas. Provide local exhaust ventilation where dust or mist may be generated. Ensure compliance with applicable exposure limits.

#### PERSONAL PROTECTIVE EQUIPMENT:

**Eye Protection:** Wear safety glasses with side-shields. Wear chemical safety goggles with a face shield to protect against eye and skin contact when appropriate. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**Skin and Body Protection:** Wear protective clothing to minimize skin contact. When potential for contact with dry material exists, wear disposable coveralls suitable for dust exposure. such as Tyvek®. Contaminated clothing should be removed and laundered before reuse.

**Hand Protection:** Wear appropriate chemical resistant gloves. Consult a glove manufacturer for assistance in selecting an appropriate chemical resistant glove.

#### Protective Material Types:

Butyl rubber, Natural rubber, Neoprene, Nitrile. Polyvinyl chloride (PVC), Tyvek®

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**Respiratory Protection:** A NIOSH approved respirator with N95 (dust, fume, mist) cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, or when symptoms have been observed that are indicative of overexposure. The added protection of a full face-piece respirator is required when visible dusty conditions are encountered and eye irritation may occur. Acid gas cartridges with N95 filters are required when fumes or vapor may be generated. A respiratory protection program that meets 29 CFR 1910.134 must be followed whenever workplace conditions warrant use of a respirator.

## Section 9 Physical and chemical properties

<b>Physical State</b>	Solid
<b>Appearance</b>	White granules or tablet-form product
<b>Color</b>	White
<b>Odor</b>	Slight chlorine odor
<b>Odor threshold [ppm]</b>	Not determined
<b>Molecular Weight</b>	232.4
<b>Molecular Formula</b>	C <sub>3</sub> N <sub>3</sub> O <sub>3</sub> Cl <sub>3</sub>
<b>Decomposition temperature</b>	478 °F (248 °C)
<b>Boiling point/range</b>	Not applicable
<b>Freezing point/range</b>	Not applicable
<b>Melting point/range</b>	478 °F (248 °C)
<b>Vapor pressure</b>	<0.002 Pa @ 20 °C
<b>Vapor density (air =1)</b>	Not applicable
<b>Density</b>	2.1 g/ml @ 25 °C
<b>Bulk density</b>	Granular - 0.89-1.1 g/cc Tablet - 1.16-1.9 g/cc
<b>Water Solubility</b>	0.98 mg/100 g @ 20 °C
<b>pH</b>	2.9- 3.5 @ 25 °C (1% solution)
<b>Volatility</b>	Not applicable
<b>Evaporation rate (ether=1)</b>	Not applicable
<b>Partition Coefficient (n-octanol/water):</b>	0.94±1.00
<b>Flash point</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not flammable
<b>Lower Flammability Level (air)</b>	Not flammable
<b>Upper Flammability Level (air)</b>	Not flammable
<b>Auto-ignition temperature</b>	Not determined
<b>Viscosity</b>	Not applicable
<b>Explosive properties</b>	Not available
<b>Oxidizing properties</b>	Oxidizer

## Section 10 Stability and reactivity

<b>Reactivity</b>	Contact with small amounts of water may result in an exothermic reaction with the liberation of toxic fumes.
<b>Chemical Stability</b>	Stable at normal temperatures and pressures.
<b>Possibility of Hazardous Reactions</b>	Do not get water inside container. Wet material may generate nitrogen trichloride, an explosion hazard. Avoid contact with easily oxidizable organic material.
<b>Conditions to avoid</b>	Heating above 225°C (437°F). (e.g., static discharge, shock, or vibration)



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**Materials to avoid** Do not package in paper or cardboard. Organic materials, reducing agents, nitrogen containing materials, other oxidizers, acids, bases, oils, grease, sawdust, dry fire extinguishers containing monoammonium compounds.

**Hazardous decomposition products** Chlorine, nitrogen, nitrogen trichloride, nitrous oxides, cyanates, carbon monoxide, carbon dioxide.

### Section 11 Toxicological information

**IRRITATION DATA:** PRIMARY SKIN IRRITATION: Severe Irritation. Corrosive (rabbit, 24 hr)  
PRIMARY EYE IRRITATION: Severe Irritation, Corrosive (rabbit, 24 hr)

#### TOXICITY DATA:

**PRODUCT TOXICITY DATA:** ACL® 90 PLUS CHLORINATING COMPOSITION

<b>LD50 Oral:</b> 809 mg/kg (Rat)	<b>LD50 Dermal:</b> >2000 mg/kg (Rabbit)	<b>-LC50 Inhalation:</b> >0.09- <0.29 mg/L (4 hr- Rat)
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#### **COMPONENT TOXICITY DATA:**

**Note:** The component toxicity data is populated by the LOLI database and may differ from the product toxicity data given.

COMPONENT	LD50 Oral	LD50 Dermal	LC50 Inhalation
Trichloro-s-triazinetrione 87-90-1	406 mg/kg (Rat)	2000 mg/kg (Rabbit)	50 mg/L (1 hr-Rat)

#### **POTENTIAL HEALTH EFFECTS:**

**Eye contact:** Eye exposures may cause burns to the eye lids, conjunctivitis, corneal edema, and corneal burn. Significant and prolonged contact may cause damage to the internal contents of eye.

**Skin contact:** Exposure to solid along with moisture may cause redness, irritation, burning sensation, swelling, blister formation, first, second, or third degree burns. Dry material is less irritating than wet material. This material is not a skin sensitizer based on studies with guinea pigs.

**Inhalation:** This material in the form as sold is not expected to produce respiratory effects. Particles of respirable size are generally not encountered. The respirable fraction is typically less than 0.1% by weight for the granular and extra granular grades. If ground or otherwise in a powdered form, effects similar to a corrosive substance may occur. Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema. The pulmonary edema may develop several hours after a severe acute exposure.

**Ingestion:** Exposure by ingestion may cause irritation, nausea, and vomiting. May cause local tissue damage to epiglottis, mucus membranes of the mouth, esophagus and stomach such as burning, inflammation, local ulceration, and may cause gastrointestinal bleeding.

**Chronic Effects:** None identified for the parent chemical. Based on animal studies, exposure to concentrations of monosodium cyanurate at the solubility limit may cause cardiovascular, kidney and urinary bladder effects.



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### SIGNS AND SYMPTOMS OF EXPOSURE:

**Inhalation (Breathing):** Respiratory System Effects: Exposure to the solid product or to free chlorine evolving from the product may cause irritation, redness of upper and lower airways, coughing, laryngospasm and edema, shortness of breath, bronchoconstriction, and possible pulmonary edema. The pulmonary edema may develop several hours after a severe acute exposure.

**Skin:** Skin Corrosion. Exposure to solid along with moisture may cause redness, irritation, burning sensation, swelling, blister formation, first, second, or third degree burns.

**Eye:** Serious Eye Damage. Exposure to eyes may cause irritation and burns to the eye lids, conjunctivitis, corneal edema, and corneal burn. Significant and prolonged contact may cause damage to the internal contents of the eye.

**Ingestion (Swallowing):** Gastrointestinal Effects: Exposure by ingestion may cause irritation, nausea, and vomiting. May cause local tissue damage to esophagus and stomach such as burning, inflammation, local ulceration, and may cause gastrointestinal bleeding.

### TOXICITY:

Monosodium cyanurate was administered via drinking water to rats for 104 weeks at concentrations of 0, 400, 1200, 2400, and 5375 ppm (solubility limit). No compound-related effects on body weights, clinical signs of toxicity or food or water consumption were noted during the study. An increased incidence of gross lesions in the urinary tract, calculi in the kidney and lesions in the heart were observed in males receiving the highest dose level of 5375 ppm (solubility limit). The health effects seen in this study were due to precipitation of the test substance in the urinary tract when the test substance was fed at the solubility limit. Adverse health effects were not seen at lower doses where precipitation did not occur.

**Interaction with Other Chemicals Which Enhance Toxicity:** None known.

**Skin Absorbent / Dermal Route?** No.

**Carcinogenicity comment:** This product is not classified as a carcinogen by NTP, IARC or OSHA.

### MUTAGENIC DATA:

Not classified as a mutagen per GHS criteria. Not mutagenic in 5 Salmonella strains and 1 E. coli strain with or without mammalian microsomal activation.

### REPRODUCTIVE TOXICITY:

Not classified as a reproductive toxin per GHS criteria. There are no known or recorded effects on reproductive function or fetal development.

## Section 12 Ecological information

### ECOTOXICITY DATA:

**Fish Toxicity:** LC50 Bluegill sunfish: 0.23- 0.40 mg/l (96 hr.) Rainbow trout: 0.24- 0.37 mg/l (96 hr.)  
**Algae Toxicity:** LC50 Green algae: <0.5 mg/L (3 hour)  
**Invertebrate Toxicity:** LC50 Water flea: 0.17- 0.80 mg/L (48 hr.)  
**Other Toxicity:** LD50 Mallard duck (oral): 1021 - 1631 mg/kg  
LD50 N. Bobwhite Quail (oral): 1638 mg/kg  
LD50 Mallard duck (diet): >10,000 ppm  
LD50 N. Bobwhite Quail (diet): >7422 ppm

### FATE AND TRANSPORT:

**BIODEGRADATION:** This material is subject to hydrolysis. Cyanuric acid produced by hydrolysis is biodegradable.





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**PERSISTENCE:** This material is believed not to persist in the environment. Free available chlorine is rapidly consumed by reaction with organic and inorganic materials to produce chloride ion. The stable degradation products are chloride ion and cyanuric acid.

**BIOCONCENTRATION:** This material hydrolyses in water liberating free available chlorine and cyanuric acid. These products are not bioaccumulative.

**ADDITIONAL ECOLOGICAL INFORMATION:** This product is very toxic to fish and aquatic organisms. This product is very toxic to aquatic life with long lasting effects. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of appropriate regulatory requirements (e.g. permit and the permitting authority has been notified in writing prior to discharge). Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your local or regional regulatory water boards and/or other appropriate regulatory offices.

### Section 13 Disposal considerations

**Waste from material:**

Use or reuse if possible. This material is a registered pesticide. May be subject to disposal regulations. Dispose in accordance with all applicable regulations. Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor. DO NOT transport wet or damp material. Damp material should be neutralized to a non-oxidizing state.

**Container Management:**

See product label for container disposal information. Dispose of container in accordance with applicable local, regional, national, and/or international regulations. Container rinsate must be disposed of in compliance with applicable regulations.

### Section 14 Transport information

**LAND TRANSPORT**

**U.S. DOT 49 CFR 172.101:**

**Status:** Regulated. For ground or air shipments only, non-bulk packages are regulated as oxidizers. Bulk Packaging or Shipment by Vessel: Regulated as follows:

**UN NUMBER:** UN2468

**PROPER SHIPPING NAME:** Trichloroisocyanuric Acid, Dry, Marine Pollutant

**HAZARD CLASS/ DIVISION:** 5.1

**PACKING GROUP:** II

**LABELING REQUIREMENTS:** 5.1, Marine Pollutant

**MARINE POLLUTANT:** Trichloroisocyanuric Acid

Note: Certain shipping modes or package sizes may have exceptions from the transport regulations and may be classified as Consumer Commodity and Limited Quantity. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.



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**CANADIAN TRANSPORTATION OF DANGEROUS GOODS:**

**Status:** Regulated. For ground or air shipments only, non-bulk packages are regulated as oxidizers. Bulk Packaging or Shipment by Vessel: Regulated as follows:.

**UN NUMBER:** UN2468  
**SHIPPING NAME:** Trichloroisocyanuric Acid, Dry, Marine Pollutant  
**CLASS OR DIVISION:** 5.1  
**PACKING/RISK GROUP:** II  
**LABELING REQUIREMENTS:** 5.1, Marine Pollutant  
**CAN. MARINE POLLUTANT:** Trichloroisocyanuric Acid

**MARITIME TRANSPORT (IMO /IMDG) :**

**Status- IMO /IMDG:** Shipment by Vessel: Regulated  
**UN NUMBER:** UN2468  
**PROPER SHIPPING NAME:** Trichloroisocyanuric Acid, Dry, Marine Pollutant

**HAZARD CLASS / DIVISION:** 5.1  
**Packing Group:** II  
**LABELING REQUIREMENTS:** 5.1, Marine Pollutant  
**MARINE POLLUTANT:** Trichloroisocyanuric Acid

### Section 15 Regulatory information

#### U.S. REGULATIONS

**OSHA REGULATORY STATUS:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 191 0.1200)

**CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):**

Not regulated.

**SARA EHS Chemical (40 CFR 355.30)**

Not regulated

**EPCRA SECTIONS 311/312 HAZARD CATEGORIES (40 CFR 370.10):**

Fire Hazard, Reactive Hazard, Acute Health Hazard

**SARA HAZARQCATEGORIES ALIGNED WITH GHS (2018)**

Physical Hazard - Oxidizer  
Health Hazard- Acute Toxin  
Health Hazard- Skin Corrosive /Irritant  
Health Hazard -Eye Corrosive /Irritant

**EPCRASECTION 313 (40 CFR 372.65):**

Not regulated

**OSHA PROCESS SAFETY (PSM) (29 CFR 1910,119):**

Not regulated

**FIFRA REGULATIONS:** Registered pesticide under 40 CFR 152.10, Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), EPA Reg. No. 935-37 (ACL® 90 Plus Chlorinating Composition)



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**FIFRA LABELING REQUIREMENTS:** - This chemical is a pesticide product registered by the United States Environmental Protection Agency (EPA) and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

- FIFRA Signal Word- DANGER
- Corrosive
- Causes irreversible eye damage and skin burns
- May be fatal if swallowed
- Harmful if absorbed through skin or inhaled
- This pesticide is toxic to fish and aquatic organisms
- Strong oxidizing agent
- Contact with water slowly liberates irritating and hazardous chlorine containing gases
- Decomposes at temperatures above 437 oF with liberation of harmful gases with liberation of harmful gases
- When ignited will burn with the evolution of chlorine and equally toxic gases
- NEVER add water to product
- Always add product to large quantities of water
- Use only clean and dry utensils
- DO NOT add this product to any dispensing device containing remnants of any other product
- Such use may cause a violent reaction leading to fire or explosion
- Contamination with moisture, organic material, or other incompatible chemicals may start a reaction with generation of heat, liberation of hazardous gases, and possible fire and explosion

**NATIONAL INVENTORY STATUS**

**U.S. INVENTORY STATUS: Toxic Substance Control Act (TSCA):** All components are listed or exempt.

**TSCA 12(b):** This product is not subject to export notification.

**Canadian Chemical Inventory:** All components of this product are listed on either the DSL or the NDSL.

Component	DSL	NDSL
Trichloro-s-triazinetrione 87-90-1	Listed	Not Listed

**STATE REGULATIONS**

**California Proposition 65:** This product and its ingredients are not listed.

Component	California Proposition 65 Cancer WARNING	California Proposition 65 CRT List Male reproductive toxin	California Proposition 65 CRT List Female reproductive toxin	Massachusetts Right to Know Hazardous Substance List	New Jersey Right to Know Hazardous Substance List	New Jersey Special Health Hazards Substance List
Trichloro-s-triazinetrione 87-90-1	Not Listed	Not Listed	Not Listed	Not Listed	1892	Not Listed

Component	New Jersey-Environmental Hazardous Substance List	Pennsylvania Right to know Hazardous Substance List	Pennsylvania Right to Know special Hazardous Substances	Pennsylvania Right to Know Environmental Hazard List	Rhode Island Right to Know Hazardous Substance List
Trichloro-s-triazinetrione 87-90-1	Not Listed	Listed	Not Listed	Not Listed	Listed



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### CANADIAN REGULATIONS

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations

Component	Canadian Chemical Inventory:	NDSL:	WHMIS – Classifications of Substances:
Trichloro-s-triazinetrione	Listed	Not Listed	C,D1B,D2B

### Section 16 Other information

#### DATE OF PREPARATION

5-31-17

THE INFORMATION SUPPLIED ABOVE IS PRESENTED IN GOOD FAITH AND HAS BEEN DERIVED FROM SOURCES BELIEVED TO BE RELIABLE, HOWEVER, NO WARRANTY EXPRESSED OR IMPLIED IS EXTENDED REGARDING ITS ACCURACY OR THE RESULTS TO BE OBTAINED FROM ITS USE SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL. ALL RISKS ARE ASSUMED BY THE USER.