

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : COLONEL XTR  
Product code : 3000387

#### 1.2. Other means of identification

Other means of identification : EPA Reg. No. 89442-71-42750

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Pesticides  
Recommended use : Algaecide  
Restrictions on use : It is a violation of Federal law to use this product in a manner inconsistent with its label.

#### 1.4. Supplier's details

Albaugh, LLC (Specialty Products)  
1525 Northeast 36th Street 1525 NE 36th Street  
Ankeny, 50021  
United States  
T 800-247-8013  
[contactus@albaughllc.com](mailto:contactus@albaughllc.com) - <https://www.albaugh.com/us/specialty-products/turf-ornamental>

#### 1.5. Emergency phone number

No additional information available

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture


##### GHS US classification

Flammable liquid, Category 4	H227	Combustible liquid.
Acute toxicity (oral), Category 4	H302	Harmful if swallowed.
Acute toxicity (inhalation:dust,mist), Category 4	H332	Harmful if inhaled.
Skin corrosion/irritation, Category 1	H314	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Hazardous to the aquatic environment — Acute Hazard, Category 2	H401	Toxic to aquatic life.

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS US labeling

Hazard pictograms (GHS US) : 

Signal word (GHS US) : Danger  
Hazard statements (GHS US) : H227 - Combustible liquid  
H302+H332 - Harmful if swallowed or if inhaled  
H314 - Causes severe skin burns and eye damage  
H401 - Toxic to aquatic life

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Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 - Do not breathe dusts or mists.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.  
P301+P312 - If swallowed: Call a poison center or doctor 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/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a poison center or doctor.  
P312 - Call a poison center or doctor if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P330 - Rinse mouth.  
P363 - Take off immediately all contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use appropriate media to extinguish.  
P403 - Store in a well-ventilated place.  
P405 - Store locked up.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
Other Ingredients (non-hazardous, proprietary) (Additive)	-	64 – 70	Not classified
Copper Ethanolamine Complex (Main constituent, Active substance (Biocide))	-	27 – 30	Not classified
Copper Triethanolamine Complex (Active substance (Biocide))	CAS-No.: 82027-59-6	14.31 – 17.1	Not classified
Copper Monoethanolamine Complex (Active substance (Biocide))	CAS-No.: 14215-52-2	11.61 – 14.1	Not classified

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Name	Product identifier	%	GHS US classification
1,2-propanediol (Additive)	CAS-No.: 57-55-6	4 – 6	Not classified

Full text of hazard classes and H-statements : see section 16

### SECTION 4 First aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Remove the victim into fresh air. Get immediate medical advice/attention. Call a poison center/doctor/physician if you feel unwell.
First-aid measures after skin contact	: Wash immediately with lots of water. If irritation persists, consult a doctor/medical service. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Rinse immediately with plenty of water for 15 minutes. Obtain medical attention if pain, blinking or redness persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Do not induce vomiting/risk of damage to lungs exceeds poisoning risk. Immediately consult a doctor/medical service. Do not induce vomiting because of corrosive effects. Rinse mouth. Do not induce vomiting. Call a physician immediately.
Personal protection for first-aid responders.	: First aid workers will be equipped with suitable personal protective equipment.

#### 4.2. Most important symptoms/effects, acute and delayed

Potential Adverse human health effects and symptoms	: Causes severe skin burns. Causes serious eye damage.
Symptoms/effects	: Causes severe skin burns and eye damage.
Symptoms/effects after inhalation	: Harmful if inhaled.
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Causes serious eye damage. Serious damage to eyes.
Symptoms/effects after ingestion	: Harmful if swallowed. Burns.

#### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Fire hazard	: Combustible liquid.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

##### For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.

##### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

Environmental precautions : Avoid release to the environment.

#### 6.2. Methods and materials for containment and cleaning up

For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13.

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapors/spray.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

#### 7.2. Conditions for safe storage, including incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Store in a well-ventilated place. Keep cool. Store locked up.

Packaging materials : Always store product in container of same material as original container.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

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### 8.3. Individual protection measures, such as personal protective equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

<b>Hand protection:</b>
Protective gloves
<b>Eye protection:</b>
Safety glasses
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
[In case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid. Opaque. Indigo.
Color	: Algaecide
Odor	: Ammonia-like
Odor threshold	: No data available
pH	: 10.23 (1% Aq. Dispersion)
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 63 °C
Flammability (solid, gas)	: 145 °F Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 1.22 g/cm <sup>3</sup> 26C
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 24.836 mm <sup>2</sup> /s
Viscosity, dynamic	: 30.3 cP 26C
Explosion limits	: No data available
Explosive properties	: Not classified.
Oxidizing properties	: Not oxidising.
Particle characteristics	: No data available

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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### SECTION 10 Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11 Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

COLONEL XTR	
LD50 oral rat	1030 mg/kg (95% confidence interval of 55 mg/kg - 1750 mg/kg)
LD50 dermal rat	> 2000 – < 5000
ATE US (oral)	1030 mg/kg body weight
ATE US (dermal)	3500 mg/kg body weight
ATE US (dust, mist)	1.385 mg/l/4h

1,2-propanediol (57-55-6)	
LD50 oral rat	22000 mg/kg (Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 2000 mg/kg body weight (24 h, Rabbit, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 44.9 mg/l (4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 7 day(s))

Skin corrosion/irritation : Causes severe skin burns.  
Causes severe skin burns and eye damage  
pH: 10.23 (1% Aq. Dispersion)

1,2-propanediol (57-55-6)	
pH	6.5 – 7.5 (50 %)

Serious eye damage/irritation : Causes serious eye damage.  
Causes severe skin burns and eye damage  
pH: 10.23 (1% Aq. Dispersion)

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1,2-propanediol (57-55-6)	
pH	6.5 – 7.5 (50 %)
Respiratory or skin sensitization	: Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Viscosity, kinematic	24.836 mm <sup>2</sup> /s
1,2-propanediol (57-55-6)	
Viscosity, kinematic	55.77 mm <sup>2</sup> /s (20 °C, No data available in the literature)
Potential Adverse human health effects and symptoms	: Causes severe skin burns. Causes serious eye damage.
Symptoms/effects	: Causes severe skin burns and eye damage.
Symptoms/effects after inhalation	: Harmful if inhaled.
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Causes serious eye damage. Serious damage to eyes.
Symptoms/effects after ingestion	: Harmful if swallowed. Burns.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Ecology - general	: Toxic to aquatic life.
Hazardous to the aquatic environment, short-term (acute)	: Toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

1,2-propanediol (57-55-6)	
LC50 - Fish [1]	40613 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Measured concentration)
ErC50 algae	24200 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

### 12.2. Persistence and degradability

COLONEL XTR	
Persistence and degradability	Not rapidly degradable
Copper Triethanolamine Complex (82027-59-6)	
Persistence and degradability	Not rapidly degradable
Copper Monoethanolamine Complex (14215-52-2)	
Persistence and degradability	Not rapidly degradable
1,2-propanediol (57-55-6)	
Persistence and degradability	Biodegradable in the soil, Readily biodegradable in water.

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1,2-propanediol (57-55-6)	
Biochemical oxygen demand (BOD)	0.96 – 1.08 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.63 g O <sub>2</sub> /g substance
ThOD	1.69 g O <sub>2</sub> /g substance

Other Ingredients (non-hazardous, proprietary)	
Persistence and degradability	Not rapidly degradable

Copper Ethanolamine Complex	
Persistence and degradability	Not rapidly degradable

### 12.3. Bioaccumulative potential

1,2-propanediol (57-55-6)	
Partition coefficient n-octanol/water (Log Pow)	-1.1 (Experimental value, EU Method A.8: Partition Coefficient, 20.5 °C)
Bioaccumulative potential	Not bioaccumulative.

### 12.4. Mobility in soil

1,2-propanediol (57-55-6)	
Surface tension	71.6 mN/m (22 °C, 1.01 g/l, EU Method A.5: Surface tension)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.46 (log Koc, Calculated value)
Ecology - soil	Highly mobile in soil.

### 12.5. Other adverse effects

Ozone : Not classified  
Fluorinated greenhouse gases : No

## SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Do not re-use empty containers.




## SECTION 14 Transport information

DOT	IMDG	IATA
No supplementary information available		
14.1. UN number		
UN1760	1760	1760
14.2. Proper Shipping Name		
Corrosive liquids, n.o.s. (Alkanolamines)	CORROSIVE LIQUID, N.O.S. (Alkanolamines)	Corrosive liquid, n.o.s. (Alkanolamines)

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DOT	IMDG	IATA
No supplementary information available		
<b>14.3. Transport hazard class(es)</b>		
8	8	8
		
<b>14.4. Packing group</b>		
III	III	III
<b>14.5. Environmental hazards</b>		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: Yes	Dangerous for the environment: No

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

<b>DOT</b>	
UN-No. (DOT)	: UN1760
DOT Special Provisions (49 CFR 172.102)	: IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 154
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 241
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
DOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other	: 40 - Stow "clear of living quarters"
<b>IMDG</b>	
Special provision (IMDG)	: 223, 274
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP1, TP28

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EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE  
EmS-No. (Spillage) : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES  
Stowage category (IMDG) : A  
Stowage and handling (IMDG) : SW2  
Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.

### IATA

Special provision (IATA) : A3, A803  
PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y841  
PCA limited quantity max net quantity (IATA) : 1L  
PCA packing instructions (IATA) : 852  
PCA max net quantity (IATA) : 5L  
CAO packing instructions (IATA) : 856  
CAO max net quantity (IATA) : 60L  
ERG code (IATA) : 8L

## SECTION 15 Regulatory information

### 15.1. Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Copper Triethanolamine Complex	82027-59-6	Not present	-	
Copper Monoethanolamine Complex	14215-52-2	Not present	-	
1,2-propanediol	57-55-6	Present	Active	
Other Ingredients (non-hazardous, proprietary)		Not present	-	
Copper Ethanolamine Complex		Not present	-	

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### FIFRA Labelling

EPA Registration Number	89442-71-42750
This chemical is a pesticide product registered by the Environmental Protection Agency 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, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.	
FIFRA Signal Word	Danger
FIFRA Precautionary Statement	Hazards To Humans and Domestic Animals.
FIFRA Human Health Hazards	Corrosive. Causes irreversible eye damage and skin burns. Harmful if inhaled, swallowed, or absorbed through skin. DO NOT get in eyes, on skin, or on clothing. Avoid breathing mist or spray vapor. When handling, wear protective eyewear, clothing, and chemical-resistant gloves as described under the section of this label pertaining to Personal Protective Equipment (PPE). Wash skin thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

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FIFRA Labelling	
FIFRA First Aid	<p>If in eyes</p> <ul style="list-style-type: none"><li>•Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>•Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>•Call a poison control center or doctor for treatment advice.</li></ul> <p>If on skin or clothing</p> <ul style="list-style-type: none"><li>•Take off contaminated clothing.</li><li>•Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>•Call a poison control center or doctor for treatment advice.</li></ul> <p>If inhaled</p> <ul style="list-style-type: none"><li>•Move person to fresh air.</li><li>•If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>•Call a poison control center or doctor for further treatment advice.</li></ul> <p>If swallowed</p> <ul style="list-style-type: none"><li>•Call a poison control center or doctor immediately for treatment advice.</li><li>•Have person sup a glass of water is able to swallow.</li><li>•DO NOT induce vomiting unless told to do so by the poison control center or doctor.</li><li>•DO NOT give anything by mouth to an unconscious person.</li></ul> <p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</p>
FIFRA Environmental Hazards	<p>Fish Advisory Statement: This copper product is toxic to fish and aquatic organisms. Unlike most organic pesticides, copper is an element and will not break down in the environment and will therefore accumulate in sediment with repeated applications. Copper is a micronutrient, but its pesticidal application rate exceeds the amount of copper needed as a nutrient.</p>
FIFRA Physical Hazard	<p>Do not mix or allow coming in contact with oxidizing agents. Hazardous chemical reaction may occur. Combustible. Do not use or store near heat or open flame.</p>

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FIFRA Labelling	
FIFRA Other	<p><b>STORAGE AND DISPOSAL</b></p> <p>DO NOT contaminate water, food, or feed by storage or disposal.</p> <p><b>PESTICIDE STORAGE:</b> Store in a cool, dry place. DO NOT store near feed or foodstuffs. In case of leak or spill, use absorbent materials to contain liquids and dispose in a manner consistent with the pesticide disposal instructions.</p> <p><b>PESTICIDE DISPOSAL:</b> Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.</p> <p><b>CONTAINER HANDLING:</b> Non-refillable container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities.</p> <p>Triple rinse containers small enough to shake (<math>\leq 5</math> gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container <math>\frac{1}{4}</math> full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.]</p> <p>Triple rinse containers too large to shake (<math>&gt; 5</math> gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container <math>\frac{1}{4}</math> full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other side and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Repeat this procedure two more times.</p> <p>Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.</p> <p>[Bulk Containers] <b>CONTAINER HANDLING:</b> Nonrefillable Container. DO NOT reuse or refill this container. Pressure rinse container. Then offer for recycling or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Collect rinsate for later use or disposal or add to application equipment or a mix tank. Insert pressure rinsing nozzle in the container opening, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.</p>

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### 15.2. International regulations

#### CANADA

##### Copper Triethanolamine Complex (82027-59-6)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

##### Copper Monoethanolamine Complex (14215-52-2)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

##### 1,2-propanediol (57-55-6)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### 1,2-propanediol (57-55-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### 15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16 Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date : 1/16/2026

#### Full text of hazard classes and H-statements

H227	Combustible liquid
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled
H401	Toxic to aquatic life

NFPA health hazard

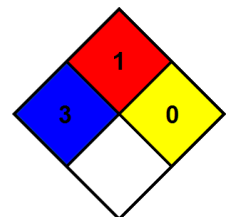
: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA fire hazard

: 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

# COLONEL XTR

## Safety Data Sheet

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Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS USA-ALBAUGH

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.