

# SAFETY DATA SHEET

ACQ 2102 Pressure Treated Wood

SDS ID: 254

## \*\*\* Section 1 - IDENTIFICATION\*\*\*

### Product Identifier:

ACQ 2102 Pressure Treated Wood

### Trade Names

Preserve ACQ and Preserve ACQ Pressure Treated Wood

### Recommended Use

Lumber, Industrial Use

### Restrictions on Use

None known.

### Manufacturer Information

### General Comments

NOTE: Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

## \*\*\* Section 2 - HAZARD(S) IDENTIFICATION\*\*\*

### Classification in accordance with 29 CFR 1910.1200.

Carcinogen, Category 2

Eye Damage / Irritation, Category 2B

Skin sensitizer, Category 1B

Respiratory Sensitizer, Category 1B

Specific Target Organ Toxicity - Single Exposure, Category 3 (respiratory system)

Harmful to Aquatic Life - Acute Hazard, Category 3

### GHS LABEL ELEMENTS

#### Symbol(s)



#### Signal Word

WARNING

#### Hazard Statement(s)

Suspected of causing cancer

Causes eye irritation.

May cause an allergic skin reaction

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May cause respiratory irritation  
May cause allergy or asthma symptoms or breathing difficulties if inhaled  
Harmful to aquatic life

## Precautionary Statement(s)

### Prevention

Do not breathe dust. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Avoid release to the environment.

### Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

### Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

### Disposal

Dispose in accordance with all applicable regulations.

### Hazard(s) Not Otherwise Classified

Combustible solid. Dust may form explosive mixtures with air. Wood dust is a potential health problem when wood particles from processes such as sanding, drilling, machining, and cutting become airborne. Inhalation of these particles may cause allergic respiratory symptoms, mucosal and non-allergic respiratory symptoms, and cancer.

## \* \* \* Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS \* \* \*

CAS	Component	Percent
Not Available	Wood/Wood dust	98-99
141-43-5	Monoethanolamine	<1
68391-01-5	Dimethyl benzyl ammonium chloride	<0.2
10043-35-3	Boric acid	<0.2
14215-52-2	Copper complex expressed as Copper oxides	<1

### Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Wood dust, all soft and hard woods, Wood dusts-soft woods, Wood dusts-hard wood, Copper compounds, Copper (Copper Compound) (7440-50-8), Ethanolamine (141-43-5).

### Component Information/Information on Non-Hazardous Components

This product is considered hazardous under the criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard) and considered a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

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## \* \* \* Section 4 - FIRST-AID MEASURES \* \* \*

### Description of Necessary Measures

#### Inhalation

IF INHALED: Remove person immediately to fresh air. Seek immediate medical attention. Do NOT perform mouth-to-mouth resuscitation. Induce artificial respiration with a proper respiratory medical device.

#### Skin Contact

If wood splinters are injected under the skin, get medical attention immediately. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

#### Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs: Get medical advice/attention.

#### Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

### Most Important Symptoms/Effects

#### Acute

Eye irritation, allergic reaction.

#### Delayed

Chronic exposure to copper and its salts may cause rare cases of anemia (from hemolytic effects) and allergic contact dermatitis. Respiratory ailments.

### Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

Respiratory ailments and pre-existing skin conditions may be aggravated by exposure.

## \* \* \* Section 5 - FIRE-FIGHTING MEASURES \* \* \*

### General Fire Hazard

Wood is flammable, and wood dusts may form explosive mixtures with air in the presence of an ignition source.

### Suitable Extinguishing Media

Use extinguishing media appropriate for surrounding fire. Use water to wet down wood and to reduce the likelihood of ignition or dispersion of dust into the air.

### Hazardous Decomposition Products

Hazardous decomposition products include irritating and toxic fumes and gases of carbon monoxide, carbon dioxide, aldehydes, and organic acids.

### Special Protective Equipment and Precautions for Firefighters

Wear full protective fire-fighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure

NFPA Ratings: Health: 2 Fire: 1 Reactivity: 0 Other: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe



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## \*\*\* Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*

### Personal Precautions, Protective Equipment and Emergency Procedures

No containment procedures are needed, as this product cannot spill or leak the preservative. Keep away from sparks and flame.

### Methods and Materials for Containment and Cleaning Up

Wear appropriate protective equipment and clothing during clean-up. Wet down accumulated dusts prior to sweeping or vacuuming in order to prevent explosion hazards. Sweep up or vacuum small pieces and dusts and place in appropriate container for disposal. Gather larger pieces by an appropriate method. Avoid the generation of airborne dusts during clean-up. Do not inhale dusts during cleanup.

## \*\*\* Section 7 - HANDLING AND STORAGE\*\*\*

### Precautions for Safe Handling

Do not generate airborne dusts in the presence of an ignition source when sawing, cutting or grinding wood. Wash hands after handling and before eating. Avoid contact of wood dusts with skin and eyes. Do not breathe wood dusts. Do not eat, drink or smoke when handling this material or in areas where dusts of this product are present. Avoid working with freshly treated wet wood. If not possible, cover exposed skin by wearing a long sleeve shirt, long pants and gloves. Clothing should be removed and replaced if it becomes wet due to contact with freshly treated wood.

### Conditions for Safe Storage, including any Incompatibilities

Maintain good housekeeping procedures, such as sweeping regularly to avoid accumulation of dusts. Store product in a dry area away from excessive heat, sparks and open flame.

### Incompatibilities

Strong acids, alkalis, and strong oxidizing materials.

## \*\*\* Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*

### Component Exposure Limits

#### Wood/Wood dust (Not Available)

<b>OSHA (Vacated):</b>	5 mg/m <sup>3</sup> TWA (related to Wood dust, all soft and hard woods)
	10 mg/m <sup>3</sup> STEL (related to Wood dust, all soft and hard woods)
<b>NIOSH:</b>	1 mg/m <sup>3</sup> TWA (related to Wood dust, all soft and hard woods)
<b>Alberta:</b>	5 mg/m <sup>3</sup> TWA (total, related to Wood dust, all soft and hard woods)
<b>Manitoba:</b>	1 mg/m <sup>3</sup> TWA (all other species, inhalable fraction, related to Wood dust, all soft and hard woods)
<b>New Brunswick:</b>	5 mg/m <sup>3</sup> TWA (related to Wood dusts-soft woods)
	10 mg/m <sup>3</sup> STEL (related to Wood dusts-soft woods)
<b>NW Territories:</b>	5 mg/m <sup>3</sup> TWA (related to Wood dust, all soft and hard woods)
	10 mg/m <sup>3</sup> STEL (related to Wood dust, all soft and hard woods)

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- Nova Scotia:** 1 mg/m<sup>3</sup> TWA (all other species, inhalable fraction, related to Wood dust, all soft and hard woods)
- Nunavut:** 5 mg/m<sup>3</sup> TWA (related to Wood dust, all soft and hard woods)  
10 mg/m<sup>3</sup> STEL (related to Wood dust, all soft and hard woods)
- Ontario:** 5 mg/m<sup>3</sup> TWA (related to Wood dusts-soft woods)  
10 mg/m<sup>3</sup> STEL (related to Wood dusts-soft woods)
- Quebec:** 5 mg/m<sup>3</sup> TWAEV (total dust, except red cedar, containing no Asbestos and <1% Crystalline silica, related to Wood dust, all soft and hard woods)
- Saskatchewan:** Present (beech, birch, mahogany, oak, teak, walnut, related to Wood dust, all soft and hard woods)  
5 mg/m<sup>3</sup> TWA (related to Wood dusts-soft woods)  
10 mg/m<sup>3</sup> STEL (related to Wood dusts-soft woods)
- Yukon:** 5 mg/m<sup>3</sup> TWA (non-allergenic); 2.5 mg/m<sup>3</sup> TWA (allergenic, including cedar, mahogany, teak, related to Wood dust, all soft and hard woods)  
10 mg/m<sup>3</sup> STEL (non-allergenic); 5 mg/m<sup>3</sup> STEL (allergenic, including cedar, mahogany, teak, related to Wood dust, all soft and hard woods)

## Monoethanolamine (141-43-5)

- ACGIH:** 3 ppm TWA  
6 ppm STEL
- OSHA:** 3 ppm TWA; 6 mg/m<sup>3</sup> TWA
- NIOSH:** 3 ppm TWA; 8 mg/m<sup>3</sup> TWA  
6 ppm STEL; 15 mg/m<sup>3</sup> STEL
- Mexico:** 3 ppm TWA LMPE-PPT; 8 mg/m<sup>3</sup> TWA LMPE-PPT  
6 ppm STEL [LMPE-CT]; 15 mg/m<sup>3</sup> STEL [LMPE-CT]
- Alberta:** 6 ppm STEL; 15 mg/m<sup>3</sup> STEL  
3 ppm TWA; 7.5 mg/m<sup>3</sup> TWA
- British Columbia:** 6 ppm STEL  
3 ppm TWA
- Manitoba:** 6 ppm STEL  
3 ppm TWA
- New Brunswick:** 6 ppm STEL; 15 mg/m<sup>3</sup> STEL  
3 ppm TWA; 7.5 mg/m<sup>3</sup> TWA
- Newfoundland and Labrador:** 6 ppm STEL  
3 ppm TWA
- Nova Scotia:** 6 ppm STEL  
3 ppm TWA
- Nunavut:** 6 ppm STEL; 15 mg/m<sup>3</sup> STEL  
3 ppm TWA; 7.5 mg/m<sup>3</sup> TWA
- Ontario:** 6 ppm STEL  
3 ppm TWA
- Prince Edward Island:** 6 ppm STEL  
3 ppm TWA
- Quebec:** 6 ppm STEV; 15 mg/m<sup>3</sup> STEV  
3 ppm TWAEV; 7.5 mg/m<sup>3</sup> TWAEV
- Saskatchewan:** 6 ppm STEL  
3 ppm TWA  
6 ppm STEL; 12 mg/m<sup>3</sup> STEL  
3 ppm TWA; 6 mg/m<sup>3</sup> TWA

## Copper complex expressed as Copper oxides (14215-52-2)

- ACGIH:** 1 mg/m<sup>3</sup> TWA (as Cu, dust and mist, related to Copper compounds)
- OSHA:** 0.1 mg/m<sup>3</sup> TWA (fume); 1 mg/m<sup>3</sup> TWA (dust and mist, related to Copper (Copper

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	Compound))
<b>NIOSH:</b>	1 mg/m3 TWA (as Cu, dust and mist, related to Copper compounds)
<b>Mexico:</b>	0.2 mg/m3 TWA LMPE-PPT (as Cu, fume); 1 mg/m3 TWA LMPE-PPT (as Cu, dust and mist, related to Copper (Copper Compound)) 2 mg/m3 STEL [LMPE-CT] (as Cu, fume); 2 mg/m3 STEL [LMPE-CT] (as Cu, dust and mist, related to Copper (Copper Compound))
<b>Alberta:</b>	0.2 mg/m3 TWA (fume); 1 mg/m3 TWA (dust and mist, related to Copper (Copper Compound))
<b>British Columbia:</b>	1 mg/m3 TWA (dust and mist); 0.2 mg/m3 TWA (fume, related to Copper (Copper Compound))
<b>Manitoba:</b>	1 mg/m3 TWA (as Cu, dust and mist, related to Copper compounds)
<b>New Brunswick:</b>	0.2 mg/m3 TWA (fume); 1 mg/m3 TWA (dust and mist, related to Copper (Copper Compound))
<b>Newfoundland and Labrador:</b>	1 mg/m3 TWA (as Cu, dust and mist, related to Copper compounds)
<b>Nova Scotia:</b>	1 mg/m3 TWA (as Cu, dust and mist, related to Copper compounds)
<b>Nunavut:</b>	0.6 mg/m3 STEL (fume); 2 mg/m3 STEL (dust and mist, related to Copper (Copper Compound)) 0.2 mg/m3 TWA (fume); 1 mg/m3 TWA (dust and mist, related to Copper (Copper Compound))
<b>Ontario:</b>	0.2 mg/m3 TWA (fume); 1 mg/m3 TWA (dust and mist, related to Copper (Copper Compound))
<b>Prince Edward Island:</b>	1 mg/m3 TWA (as Cu, dust and mist, related to Copper compounds)
<b>Quebec:</b>	0.2 mg/m3 TWAEV (fume); 1 mg/m3 TWAEV (dust and mist, related to Copper (Copper Compound))
<b>Saskatchewan:</b>	0.6 mg/m3 STEL (fume); 3 mg/m3 STEL (dust and mist, related to Copper (Copper Compound)) 0.2 mg/m3 TWA (fume); 1 mg/m3 TWA (dust and mist, related to Copper (Copper Compound)) 0.2 mg/m3 STEL (fume); 2 mg/m3 STEL (dust and mist, related to Copper (Copper Compound)) 0.2 mg/m3 TWA (fume); 1 mg/m3 TWA (dust and mist, related to Copper (Copper Compound))
<b>Boric acid (10043-35-3)</b>	
<b>ACGIH:</b>	2 mg/m3 TWA (inhalable fraction) 6 mg/m3 STEL (inhalable fraction)
<b>British Columbia:</b>	2 mg/m3 TWA (inhalable) 6 mg/m3 STEL (inhalable)
<b>Manitoba:</b>	2 mg/m3 TWA (inhalable fraction) 6 mg/m3 STEL (inhalable fraction)
<b>Nova Scotia:</b>	2 mg/m3 TWA (inhalable fraction) 6 mg/m3 STEL (inhalable fraction)
<b>Ontario:</b>	2 mg/m3 TWA (inhalable) 6 mg/m3 STEL (inhalable)
<b>Saskatchewan:</b>	2 mg/m3 TWA (inhalable fraction) 6 mg/m3 STEL (inhalable fraction)

## Appropriate Engineering Controls

Use exhaust ventilation when cutting, grinding or sanding in enclosed areas and if it is anticipated the exposure limits for wood dust may be exceeded during working with this product.

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## Individual Protection Measures, such as Personal Protective Equipment

### Eyes/Face Protection

Wear safety glasses with side shields when handling, cutting, sanding or grinding this material. Use a face shield during processes that may generate excessive dusts and splinters.

### Skin Protection

Wear puncture resistant work gloves, such as leather.

### Respiratory Protection

Not normally needed. Use a dust mask for particulate concentrations exceeding the Occupational Exposure Limit.

### PPE Pictograms:



## \*\*\* Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\*

<b>Appearance:</b>	May vary	<b>Odor:</b>	Wood
<b>Physical State:</b>	Solid wood	<b>pH:</b>	Not applicable
<b>Vapor Pressure:</b>	Not available	<b>Vapor Density:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable	<b>Melting Point:</b>	Not applicable
<b>Solubility (H2O):</b>	Insoluble	<b>Specific Gravity:</b>	Not available
<b>Flash Point:</b>	Not applicable	<b>Flash Point Method:</b>	Not available
<b>Auto Ignition:</b>	520°F (300°C)	<b>LFL:</b>	40 g/m3 (Wood dust)
<b>UFL:</b>	Not available		

## \*\*\* Section 10 - STABILITY AND REACTIVITY\*\*\*

### Chemical Stability

This is a stable material.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Keep away from excessive heat. Keep away from incompatible materials.

### Incompatible Materials

Strong oxidizing agents, acids and alkalis.

### Hazardous Decomposition Products

Hazardous decomposition products include irritating and toxic fumes and gases of carbon monoxide, carbon dioxide, aldehydes, and organic acids.

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## \* \* \* Section 11 - TOXICOLOGICAL INFORMATION \* \* \*

### Acute Toxicity

Wood dusts may be irritating to the eyes, skin and respiratory tract. Prolonged or repeated inhalation of wood dust may cause respiratory irritation, recurrent bronchitis and prolonged colds. Depending on the species of wood, recurrent exposure may cause allergic skin and respiratory reactions in some individuals.

Inhalation of high concentrations of Monoethanolamine have been reported to cause pulmonary, liver, kidney and skin damage in experimental animals. Monoethanolamine is corrosive to the eyes, skin, respiratory system and gastrointestinal tract, and may cause permanent damage to the eyes. Monoethanolamine may be absorbed through the skin in harmful amounts and may cause allergic skin reactions. Monoethanolamine exposures may cause damage to the nervous system, lungs, liver and kidneys.

The Copper complex expressed as copper oxide in this product contains copper salts which, upon ingestion of high oral doses, can cause gastrointestinal disturbances, anemia, and secondary liver and kidney damage.

### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

#### **Monoethanolamine (141-43-5)**

Oral LD50 Rat 1720 mg/kg; Dermal LD50 Rabbit 1 mL/kg; Dermal LD50 Rabbit 1025 mg/kg

#### **Copper complex expressed as Copper oxides (14215-52-2)**

Oral LD50 Rat 1350 mg/kg

#### **Boric acid (10043-35-3)**

Oral LD50 Rat 2660 mg/kg; Inhalation LC50 Rat >0.16 mg/L 4 h; Dermal LD50 Rabbit >2000 mg/kg

### Information on Likely Routes of Exposure

#### Inhalation

May cause respiratory tract irritation.

#### Ingestion

Ingestion of wood products or dust is unlikely.

#### Skin Contact

May be harmful in contact with skin. May cause an allergic skin reaction.

#### Eye Contact

Causes serious eye irritation.

#### Immediate Effects

Allergic skin reaction, respiratory system damage

#### Delayed Effects

Respiratory ailments.

#### Medical Conditions Aggravated by Exposure

Pre-existing eye, respiratory system and skin conditions.

#### Irritation/Corrosivity Data

Respiratory tract irritation, skin irritation, eye irritation



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## Respiratory Sensitization

No data available.

## Dermal Sensitization

May cause an allergic skin reaction.

## Germ Cell Mutagenicity

No data available for the mixture.

## Carcinogenicity

### Component Carcinogenicity

Wood dust is classified as a human carcinogen or occupational carcinogen by ACGIH, NIOSH and IARC. This classification is based on an increased incidence of nasal and paranasal cancers in people exposed to wood dusts.

### Component Carcinogenicity

#### Wood/Wood dust (Not Available)

**ACGIH:** A1 - Confirmed Human Carcinogen (related to Wood dusts-hard wood)

**NIOSH:** potential occupational carcinogen (related to Wood dust, all soft and hard woods)

**NTP:** Known Human Carcinogen (Select Carcinogen, related to Wood dust, all soft and hard woods)

**IARC:** Monograph 100C [in preparation]; Monograph 62 [1995] (Group 1 (carcinogenic to humans), related to Wood dust, all soft and hard woods)

#### Boric acid (10043-35-3)

**ACGIH:** A4 - Not Classifiable as a Human Carcinogen

## Reproductive Toxicity

No information available for the product. Boric acid has been shown to cause damage the testis and sperm in laboratory animals. The effects on humans are unknown.

## Specific Target Organ Toxicity - Single Exposure

May cause respiratory system irritation.

## Specific Target Organ Toxicity - Repeated Exposure

No information available for the product. Chronic exposure to copper and its salts may cause rare cases of anemia (from hemolytic effects) and allergic contact dermatitis.

## Aspiration Hazard

Not expected to be an aspiration hazard.

## \* \* \* Section 12 - ECOLOGICAL INFORMATION \* \* \*

## Ecotoxicity

This product is not expected to leach harmful amounts of preservative into the environment. However, the wood preservatives in this product can be extremely harmful to terrestrial and aquatic plant or animal life.

## Component Analysis - Aquatic Toxicity

### Monoethanolamine (141-43-5)

**Fish:** 96 Hr LC50 Pimephales promelas: 227 mg/L [flow-through]; 96 Hr LC50 Brachydanio rerio: 3684 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 300-1000 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 114-196 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: >200 mg/L [flow-through]

**Algae:** 72 Hr EC50 Desmodesmus subspicatus: 15 mg/L

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**Invertebrate:** 48 Hr EC50 Daphnia magna: 65 mg/L

**Copper complex expressed as Copper oxides (14215-52-2)**

**Fish:** 96 Hr LC50 Pimephales promelas: 0.0068 - 0.0156 mg/L; 96 Hr LC50 Pimephales promelas: <0.3 mg/L [static]; 96 Hr LC50 Pimephales promelas: 0.2 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 0.052 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 1.25 mg/L [static]; 96 Hr LC50 Cyprinus carpio: 0.3 mg/L [semi-static]; 96 Hr LC50 Cyprinus carpio: 0.8 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 0.112 mg/L [flow-through] (related to Copper (Copper Compound))

**Algae:** 72 Hr EC50 Pseudokirchneriella subcapitata: 0.0426 - 0.0535 mg/L [static]; 96 Hr EC50 Pseudokirchneriella subcapitata: 0.031 - 0.054 mg/L [static] (related to Copper (Copper Compound))

**Invertebrate:** 48 Hr EC50 Daphnia magna: 0.03 mg/L [Static] (related to Copper (Copper Compound))

**Boric acid (10043-35-3)**

**Avian:** 5 days LC50 Anas platyrhynchos: >5,620 ppm (Diet); 5 days LC50 Colinus virginianus: >5,620 ppm.

**Invertebrate:** 48 Hr EC50 Daphnia magna: 115-153 mg/L

## Persistence and Degradability

No information available for the product.

## Bioaccumulation Potential

No information available for the product.

## Mobility in Soil

No information available for the product.

## \*\*\* Section 13 - DISPOSAL CONSIDERATIONS\*\*\*

### Disposal Methods

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

### Disposal of Contaminated Packaging

#### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

## \*\*\* Section 14 - TRANSPORT INFORMATION\*\*\*

### US DOT Information

Not regulated as a hazardous material for transportation.

### Canada Transportation of Dangerous Goods Information

Not regulated as a hazardous material for transportation.

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## \*\*\* Section 15 - REGULATORY INFORMATION\*\*\*

### U.S. Federal Regulations

All components are on the U.S. EPA TSCA Inventory List. This product is registered with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) under Environmental Protection Agency regulations. Pesticide Registration Number 83997-5.

### U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), and/or TSCA 12(b).

#### Copper complex expressed as Copper oxides (14215-52-2)

**SARA 313:** 1.0 % de minimis concentration (related to Copper)  
1.0 % de minimis concentration (except Copper phthalocyanine compounds substituted only with Hydrogen and/or Bromine and/or Chlorine, Chemical Category N100, related to Copper compounds, n.o.s.)

**CERCLA:** 5000 lb (2270 kg) RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers, related to Chromium)

**SARA 311/312:** Acute Health Yes; Chronic Yes; Fire No; Pressure No; Reactive No

### Federal Insecticide, Fungicide, and Rodenticide Act

This material contains the following chemicals present on either the Listing of Pesticide Chemicals (40 CFR 180) or Pesticides Classified for Restricted Use as listed by FIFRA :

#### Copper complex expressed as Copper oxides (14215-52-2)

**FIFRA** Section number 180.1021 (related to Copper)

#### Boric acid (10043-35-3)

**FIFRA** Section number 180.920

### Component Marine Pollutants

This material contains one or more of the following chemicals required by US DOT to be identified as marine pollutants.

Component	CAS	
Copper complex expressed as Copper oxides	14215-52-2	DOT regulated severe marine pollutant (powder, related to Copper (Copper Compound))

### U.S. State Regulations

#### State Regulations

Other state regulations may apply. Check individual state requirements.

### Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
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Wood/Wood dust ( <sup>1</sup> related to: Wood dust, all soft and hard woods) ( <sup>2</sup> related to: Wood dusts-soft woods)	Not Available	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>2</sup>	Yes <sup>1</sup>
Monoethanolamine	141-43-5	Yes	Yes	Yes	Yes	Yes	Yes
Copper complex expressed as Copper oxides ( <sup>1</sup> related to: Copper)	14215-52-2	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
Boric acid	10043-35-3	No	No	Yes	No	No	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! Drilling, sawing, sanding, or machining wood products generate wood dust and other substances known to the state of California to cause cancer.

Other state regulations may apply. Check individual state requirements

## Canadian WHMIS Ingredient Disclosure List (IDL)

No components are listed in the WHMIS IDL.

## WHMIS Classification:

D2A, D2B

## Component Analysis - Inventory

Component	CAS #	TSCA	DSL	NDSL	EINECS	AUST	MITI	PHIL	KOREA	ELINCS	CHINA
Water	7732-18-5	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	Yes
Monoethanolamine	141-43-5	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes
Copper complex expressed as Copper oxides	14215-52-2	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes
Boric acid	10043-35-3	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes
Alkyl Dimethyl benzyl ammonium chloride	68391-01-5	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes

## \* \* \* Section 16 - OTHER INFORMATION \* \* \*

### Date of Preparation

New SDS: 02/02/2015

### Key / Legend

**ACGIH** = American Conference of Governmental Industrial Hygienists; **AU** = Australia; **BOD** - Biochemical Oxygen Demand; **C** - Celsius; **CA** - Canada; **CAS** = Chemical Abstracts Service; **CERCLA** = Comprehensive Environmental Response, Compensation, and Liability Act; **CFR** = Code of Federal Regulations; **CN** = China; **CPR** = Controlled Products Regulations; **DOT** = Department of Transportation; **DSL** = Domestic Substances List; **EINECS** = European Inventory of Existing Commercial Chemical Substances; **ELINCS** = European List of Notified Chemical Substances; **EPA** = Environmental Protection Agency; **ERG** = Emergency Response Guide; **EU** = European Union; **F** - Fahrenheit; **HEPA** = High Efficiency Particulate Air; **HMIS** = Hazardous Material Information System; **HPV** – High Production Volume Chemical (EU); **IARC** = International Agency for Research

# SAFETY DATA SHEET

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on Cancer; **IATA** = International Air Transport Association; **ICL** – In Commerce List (Canada); **IDL** - Ingredient Disclosure List; **IDLH** - Immediately Dangerous to Life and Health; **JP** = Japan; **KR** = Korea; **LEL** - Lower Explosive Limit; **MITI** = Japan Ministry of International Trade and Industry; **mg/Kg** = milligrams per Kilogram; **mg/L** = milligrams per Liter; **mg/m<sup>3</sup>** = milligrams per Cubic Meter; **MSHA** = Mine Safety and Health Administration; **NA** = Not Applicable or Not Available; **NFPA** = National Fire Protection Association; **NIOSH** = National Institute for Occupational Safety and Health; **NJTSR** = New Jersey Trade Secret Registry; **NTP** = National Toxicology Program; **NZ** = New Zealand; **OSHA** = Occupational Safety and Health Administration; **PH** = Philippines; **RCRA** = Resource Conservation & Recovery Act; **SARA** = Superfund Amendments and Reauthorization Act; **STEL** = Short Term Exposure Limit; **TDG** = Transport Dangerous Goods; **TSCA** = Toxic Substances Control Act; **TWA** - Time Weighted Average; **UEL** - Upper Explosive Limit; **US** - United States; **WHMIS** = Workplace Hazardous Materials Information System.

## Other Information

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