

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

### Product Identifier:

Aqueous Preservative Emulsion

### Recommended Use

Wood treatment

### Restrictions on Use

None known.

### Manufactured for:

Phone:

Fax:

Emergency #: CHEMTREC: (800) 424-9300, 1-703-527-3887 for  
U.S. and Canadian shipments ONLY

### 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.

Skin sensitizer, Category 1

Serious eye damage/irritation, Category 2B

STOT- Single Exposure, Category 3

Acute toxicity- Inhalation, Category 2

Acute toxicity, Category 4

Hazardous to aquatic life - Acute, Category 2

Hazardous to aquatic life – Chronic, Category 2

### GHS LABEL ELEMENTS

#### Symbol(s)



#### Signal Word

WARNING

## Hazard Statement(s)

Harmful if swallowed.  
Causes severe mild skin irritation.  
May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

## Precautionary Statement(s)

### Prevention

Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/spray. Wash thoroughly after handling. Do not eat, drink or smoke while using this product. Avoid release into the environment.

### Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF ON SKIN: Wash with plenty of soap and water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. DO NOT induce vomit.

### Storage

Store in a well-ventilated place. Store locked up.

### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

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

CAS	Component	Percent
7732-18-5	Water	Balance
8001-79-4	Castor oil	0.1-1
8002-74-2	Paraffin waxes and Hydrocarbon waxes	0.1-1
64359-81-5	4,5-Dichloro-2-N-octyl-4-isothiazolin-3-one	<0.15

## Component Information/Information on Non-Hazardous Components

This product has been evaluated using criteria specified in 29CFR 1910.1200 (Hazard Communication Standard) and the Canadian Controlled Product Regulations.

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

### Description of Necessary Measures

#### Inhalation

IF INHALED: Move person to non-contaminated air. Give artificial respiration if not breathing. If symptoms persist, get medical attention.

#### Skin Contact

IF ON SKIN (or hair): For skin contact flush with large amounts of water while removing contaminated clothing. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

**Eye Contact**

IF IN EYES: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. If irritation persists get medical attention.

**Ingestion**

IF SWALLOWED: Ingestion may cause irritation of throat, stomach and gastrointestinal tract. DO NOT induce vomiting. If irritation persists, seek medical attention.

**\*\*\* Section 5 - FIRE-FIGHTING MEASURES\*\*\*****Suitable Extinguishing Media**

Use Dry chemical, foam, carbon dioxide, water spray.

**Unsuitable Extinguishing Media**

This product may react with strong oxidizing agents and materials that are not compatible with water.

**Specific Hazards Arising from the Chemical**

This material may decompose on heating and produce irritating vapors and toxic gases (carbon monoxide, carbon dioxide and sulfur oxides).

**Hazardous Decomposition Products**

Combustion products include irritating vapors and toxic gases, carbon monoxide, carbon dioxide and sulfur oxides.

**Special Protective Equipment and Precautions for Firefighters**

Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products. Do not point high pressure water stream directly into burning material to avoid spreading. Prevent run-off from firefighting from entering sewers or open waterways.

**Fire Fighting Measures**

Firefighters should wear full protective clothing including self-contained breathing apparatus.

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

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

**\*\*\* Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*****Personal Precautions, Protective Equipment and Emergency Procedures**

Stop the flow of material, if this is without risk. Floors may become slippery. Wear appropriate protective equipment and NIOSH approved respirator where mists or vapors of unknown concentrations may be generated. Dike the spilled material, where this is possible.

## Methods and Materials for Containment

Avoid release to the environment. Keep runoff from getting into sewers and waterways

## Methods and Materials for Containment and Cleaning Up

Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Wash spill area thoroughly. Use spark-proof tools. Wear appropriate protective equipment during cleanup. Do not flush into sanitary sewer systems, drains or surface water. Keep out of water supplies and sewers.

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

### Precautions for Safe Handling

Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not eat, drink or use tobacco products when handling this material. Wash thoroughly after handling. Use only with adequate ventilation.

### Conditions for Safe Storage, including any Incompatibilities

Keep the container tightly closed and in a cool, well-ventilated place. Keep away from incompatible materials.

### Incompatibilities

This product may react with strong oxidizing agents and materials that are not compatible with water.

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

### Component Exposure Limits

#### Paraffin waxes and Hydrocarbon waxes (8002-74-2)

<b>ACGIH:</b>	2 mg/m3 TWA (fume)
<b>OSHA (Vacated):</b>	2 mg/m3 TWA
<b>NIOSH:</b>	2 mg/m3 TWA (fume)
<b>Alberta:</b>	2 mg/m3 TWA (fume)
<b>British Columbia:</b>	2 mg/m3 TWA (fume)
<b>Manitoba:</b>	2 mg/m3 TWA (fume)
<b>New Brunswick:</b>	2 mg/m3 TWA (fume)
<b>NW Territories:</b>	2 mg/m3 TWA (fume)
	6 mg/m3 STEL (fume)
<b>Nova Scotia:</b>	2 mg/m3 TWA (fume)
<b>Nunavut:</b>	2 mg/m3 TWA (fume)
	6 mg/m3 STEL (fume)
<b>Ontario:</b>	2 mg/m3 TWA (fume)
<b>Quebec:</b>	2 mg/m3 TWAEV (fume)
<b>Saskatchewan:</b>	2 mg/m3 TWA
	4 mg/m3 STEL
<b>Yukon:</b>	2 mg/m3 TWA (fume)
	6 mg/m3 STEL (fume)

### Appropriate Engineering Controls

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

## Individual Protection Measures, such as Personal Protective Equipment

### Eyes/Face Protection

Wear safety glasses; chemical goggles (if splashing is possible).

### Skin Protection

Wear chemical resistant clothing to prevent skin contact. Wear chemical resistant apron if splash potential is minimal. If splash potential is great, as during maintenance activities, wear impervious clothing and chemical resistant footwear.

### Respiratory Protection

If ventilation is not sufficient to effectively prevent buildup of large quantities of dust or prolonged exposure is possible, appropriate approved NIOSH respiratory protection must be provided. Respirators should be selected by and used under the direction of a trained health and safety professional following the requirements found in OSHA's respirator standard (29 CFR 1901.134) and ANSI's standard for respiratory protection (Z88.2-1992), applicable U.S. regulations, or the Canadian CSA Standard Z94.4-93 and applicable standards of Canadian Provinces. A written respiratory protection program, including provisions for medical certification, training, fit-testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage, must be implemented.

### PPE Pictograms:



## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	milky emulsion	<b>Odor:</b>	Not available
<b>Physical State:</b>	Liquid	<b>pH:</b>	Not available
<b>Vapor Pressure:</b>	Not available	<b>Vapor Density:</b>	Not available
<b>Boiling Point:</b>	100°C (212°F) approximate	<b>Melting Point:</b>	Not available
<b>Solubility (H<sub>2</sub>O):</b>	Miscible	<b>Specific Gravity:</b>	Not available
<b>Flash Point:</b>	Not available	<b>Flash Point Method:</b>	Not available
<b>Auto Ignition:</b>	Not available	<b>LFL:</b>	Not available
<b>UFL:</b>	Not available		

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

### Chemical Stability

This is a stable material under normal conditions of temperature and pressure.

### Possibility of Hazardous Reactions

Does not occur.

### Conditions to Avoid

Avoid extreme heat and contact with incompatible materials.

**Incompatible Materials**

Avoid strong oxidizing or reducing agents and mercaptans.

**Hazardous Decomposition Products**

Thermal decomposition may produce toxic vapors/fumes of hydrogen chlorides, nitrogen oxides and sulfur oxides.

**\*\*\* Section 11 - TOXICOLOGICAL INFORMATION\*\*\*****Acute Toxicity**

This product can be moderately irritating to the skin and mildly irritating to the eyes. Contact skin sensitization, characterized by redness, inflammation, itching and/or burning may result from prolonged or repeated contact with this material.

**Component Analysis - LD50/LC50**

Oral LD<sub>50</sub> (rat) >5000 mg/kg

Dermal LD<sub>50</sub>( rabbit) > 5000 mg/kg

Inhalation LC<sub>50</sub> (rat) > 2.0 mg/l

**Information on Likely Routes of Exposure****Inhalation**

May cause respiratory tract irritation.

**Ingestion**

May be harmful if swallowed.

**Skin Contact**

May be harmful in contact with skin.

**Eye Contact**

Causes eye irritation.

**Immediate Effects**

No data available.

**Delayed Effects**

Repeated or prolonged skin contact may result in dermatitis or dermal sensitization. Repeated or prolonged contact may result in conjunctivitis..

**Medical Conditions Aggravated by Exposure**

No data Available.

**Irritation/Corrosivity Data**

Respiratory tract irritation, skin irritation, eye irritation

**Respiratory Sensitization**

No data available.

**Dermal Sensitization**

May cause an allergic skin reaction

**Germ Cell Mutagenicity**

No data available for the mixture.



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## Carcinogenicity

### Component Carcinogenicity

This product not listed as carcinogens by ACGIH, NIOSH, or IARC.

## Reproductive Toxicity

No information available for the product.

## Specific Target Organ Toxicity - Single Exposure

No information available for the product.

## Specific Target Organ Toxicity - Repeated Exposure

Repeated or prolonged skin contact may result in dermatitis or dermal sensitization. Repeated or prolonged contact may result in conjunctivitis..

## Aspiration Hazard

Not expected to be an aspiration hazard.

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

### Ecotoxicity

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

### Component Analysis - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

### 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. Empty package completely into application equipment. Empty package should be disposed of in an approved landfill or by incineration.

### Disposal of Contaminated Packaging

#### Component Waste Numbers

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



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

### US DOT Information

**Shipping Name:** This product is not regulated as a hazardous material for transportation.

### Canada Transportation of Dangerous Goods Information

**Shipping Name:** This product is not regulated as a hazardous material for transportation.

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

### U.S. Federal Regulations

Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are either exempt from listing (i.e. polymers, hydrates) or are listed on the confidential inventory as declared by the supplier.

### U.S. Federal Regulations

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

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

### Federal Insecticide, Fungicide, and Rodenticide Act

The labeling and use requirements of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) are applicable to this product. Additional FIFRA information is as follows:

EPA Registration No.: 83997-9

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 :

#### Castor oil (8001-79-4)

FIFRA Section number 180.950

### Component Marine Pollutants

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

CAS	Component
64359-81-5	4,5-Dichloro-2-N-octyl-4-isothiazolin-3-one





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## U.S. State Regulations

### State Regulations

Other state regulations may apply. Check individual state requirements.

### Component Analysis - State

Component	CAS	CA	MA	MN	NJ	PA	RI
Paraffin waxes and Hydrocarbon waxes	8002-74-2	Yes	Yes	Yes	Yes	Yes	Yes

## Canadian WHMIS Ingredient Disclosure List (IDL)

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

### Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

**Castor oil (8001-79-4)**

1 %

**WHMIS Classification: NA**

## Component Analysis - Inventory

Component	CAS #	TSC A	DSL	NDS L	EINE CS	AUS T	MITI	PHIL	KOR EA	ELIN CS	CHIN A
Water and Other Non-hazardous Components	7732-18-5	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	Yes
Paraffin waxes and Hydrocarbon waxes	8002-74-2	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes
Castor oil	8001-79-4	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes
4,5-Dichloro-2-N-octyl-4-isothiazolin-3-one	64359-81-5	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

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

### Summary of Changes

New SDS: 11/01/2014

### 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;



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**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 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

Disclaimer: Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

End of Sheet VIA237