

SAFETY DATA SHEET

Ecolife II Pressure Treated Wood

SDS ID: VIA-235

*** Section 1 - IDENTIFICATION***

Product Identifier:

Fungicide treated wood

Trade Names

Ecolife II, Ecolife Stabilized Weather-Resistant Wood (EL2)

Recommended Use

Lumber

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.

Skin Irritation, Category 2

Serious eye damage/irritation, Category 2

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

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

DANGER

Hazard Statement(s)

Causes serious eye irritation

Causes skin irritation

May cause respiratory irritation.

Precautionary Statement(s)

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

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Avoid release to the environment. Wear protective gloves/clothing and eye/face protection.

Response

IF exposed or concerned: 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 eye irritation persists: Get medical advice/attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

Store locked up.

Disposal

Dispose in accordance with all applicable regulations.

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

CAS #	Component	Percent
Not Available	Wood/Wood dust	60-100
64359-81-5	4,5-Dichloro-2-N-octyl-4-isothiazolin-3-one	<0.075

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.

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 the Canadian Workplace Hazardous Materials Information System (WHMIS).

* * * Section 4 - FIRST-AID MEASURES * * *

Description of Necessary Measures

Inhalation

IF INHALED: If dusts are inhaled, remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, have trained personnel give oxygen to the victim.

Skin Contact

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Wash immediately with soap and water. Continue flushing skin with water for 15 minutes. Immediately take off all contaminated clothing. Seek immediate medical attention. If wood splinters are injected under the skin, get medical attention immediately.

Eye Contact

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention.

Ingestion

IF SWALLOWED: If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

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*** Section 5 - FIRE-FIGHTING MEASURES***

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

Do not scatter spilled material with high-pressure water streams.

Specific Hazards Arising from the Chemical

Product is a water mixture. Negligible fire hazard.

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

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

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.

Methods and Materials for Containment

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

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

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*** 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.

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 oxidizing agents (peroxides, chlorine, strong acids) and drying oils.

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

Component Exposure Limits

Wood/Wood dust (Not Available)

OSHA (Vacated):	5 mg/m ³ TWA (related to Wood dust, all soft and hard woods) 10 mg/m ³ STEL (related to Wood dust, all soft and hard woods)
NIOSH:	1 mg/m ³ TWA (related to Wood dust, all soft and hard woods)
Alberta:	5 mg/m ³ TWA (total) (related to Wood dust, all soft and hard woods)
New Brunswick:	5 mg/m ³ TWA (related to Wood dusts-soft woods) 10 mg/m ³ STEL (related to Wood dusts-soft woods)
NW Territories:	5 mg/m ³ TWA (related to Wood dust, all soft and hard woods) 10 mg/m ³ STEL (related to Wood dust, all soft and hard woods)
Nunavut:	5 mg/m ³ TWA (related to Wood dust, all soft and hard woods) 10 mg/m ³ STEL (related to Wood dust, all soft and hard woods)
Ontario:	5 mg/m ³ TWAEV (related to Wood dusts-soft woods) 10 mg/m ³ STEV (related to Wood dusts-soft woods)
Quebec:	5 mg/m ³ TWAEV (total dust, except red cedar, containing no asbestos and less than 1% crystalline silica) (related to Wood dust, all soft and hard woods)
Saskatchewan:	5 mg/m ³ TWA (certain species) (related to Wood dusts-soft woods) 10 mg/m ³ STEL (related to Wood dusts-soft woods)
Yukon:	5 mg/m ³ TWA (non-allergenic); 2.5 mg/m ³ TWA (allergenic, including cedar, mahogany, teak) (related to Wood dust, all soft and hard woods) 10 mg/m ³ STEL (non-allergenic); 5 mg/m ³ STEL (allergenic, including cedar, mahogany, teak) (related to Wood dust, all soft and hard woods)

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.

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.

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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***

Appearance:	May vary	Odor:	Wood
Physical State:	Solid wood	pH:	Not applicable
Vapor Pressure:	Not available	Vapor Density:	Not applicable
Boiling Point:	Not applicable	Melting Point:	Not applicable
Solubility (H₂O):	Insoluble	Specific Gravity:	Not available
Flash Point:	Not applicable	Flash Point Method:	Not available
Auto Ignition:	Not available	LFL:	40 g/m ³ (Wood dust)
UFL:	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, sparks and open flame. Keep away from incompatible materials.

Incompatible Materials

Strong oxidizing agents (peroxides, chlorine, strong acids) and drying oils.

Hazardous Decomposition Products

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

*** 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.

Component Analysis - LD₅₀/LC₅₀

No LD₅₀/LC₅₀'s are available for this product's components.

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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. May cause an allergic skin reaction.

Eye Contact

Causes serious eye irritation.

Immediate Effects

Allergic skin reaction, respiratory system damage

Delayed Effects

Causes damage to organs through prolonged or repeated exposure.

Medical Conditions Aggravated by Exposure

Pre-existing eye, respiratory system and skin conditions.

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.

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 (related to Wood dust, all soft and hard woods) (Select Carcinogen)

IARC: Monograph 62 [1995] (related to Wood dust, all soft and hard woods) (Group 1 (carcinogenic to humans))

Reproductive Toxicity

No information available for the product.

Specific Target Organ Toxicity - Single Exposure

May cause respiratory system irritation.

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Specific Target Organ Toxicity - Repeated Exposure

No information available for the product.

Aspiration Hazard

Not expected to be an aspiration hazard.

*** Section 12 - ECOLOGICAL INFORMATION***

Ecotoxicity

This product contains small amounts of fungicides, which when released into the environment, are expected to adversely affect or destroy contaminated plants. May be harmful or fatal to wildlife.

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.

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

Shipping Name: Not regulated as a hazardous material

Canada Transportation of Dangerous Goods Information

Shipping Name: Not regulated as a dangerous good

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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 pressure treated with small amounts of a FIFRA registered wood preservative which falls under Environmental Protection Agency regulations. Components not identified on this non-confidential inventory are exempt from listing (i.e. pesticides).

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 Yes; Fire No; Pressure No; Reactive No

Component Marine Pollutants

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

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
Wood/Wood dust (¹ related to Wood dust, all soft and hard woods) (² related to Wood dusts-soft woods)	Not Available	No	No	Yes ₁	No	Yes ₂	Yes ₁

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

WARNING! This product contains a chemical known to the state of California to cause cancer

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
4,5-Dichloro-2-N-octyl-4-isothiazolin-3-one	64359-81-5	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

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*** Section 16 - OTHER INFORMATION***

Summary of Changes

New MSDS: 09/09/2014

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; **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/m³** = 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 VIA241