* * * Section 1 - IDENTIFICATION* * *

Product Identifier:

Ultrapole NXT Pressure Treated Wood

Recommended Use

Industrial poles, cross arms, and bridge timbers

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.

Sensitization - Skin, Category 1A
Sensitization – Respiratory, Category 1
Carcinogen, Category 2
Eye Damage / Irritation, Category 2B
Specific Target Organ Toxicity - Repeat Exposure, Category 2 (respiratory system)
Specific Target Organ Toxicity - Single Exposure, Category 3 (respiratory system)

GHS LABEL ELEMENTS

Symbol(s)

Signal Word

DANGER

Hazard Statement(s)

May cause an allergic skin reaction.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Suspected of causing cancer.
Causes serious eye irritation.

May cause damage to organs through prolonged or repeated exposure.
May cause respiratory irritation.

Precautionary Statement(s)

Prevention

Avoid breathing dust/ fume/ gas/ mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
In case of inadequate ventilation, wear respiratory protection.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/clothing and eye/face protection.
Wash exposed skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.

Response

If exposed or concerned: Get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing. If experiencing respiratory symptoms: Call a Poison Center/doctor.

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 eye irritation persists: Get medical advice/ attention.

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	72 - 93.9
68746-34-6	Diesel Fuel	4 - 20
64359-81-5	4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one	<0.75

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 and Wood dusts-hard wood.

Additional Information

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

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

Inhalation

IF INHALED: Wood dust may cause unpleasant obstruction in the nasal passages, resulting in dryness of nose, dry cough, sneezing and headaches. Remove victim to fresh air and keep at rest in a comfortable position for breathing. If experiencing respiratory symptoms: Call a Poison Center/doctor.

Skin Contact

If wood splinters are injected under the skin, get medical attention immediately. Wood dust of certain species can elicit allergic contact dermatitis in sensitized individuals, as well as mechanical irritation resulting in erythema and hives. 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: Wood dust may cause mechanical irritation. 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

Not applicable under normal use. IF WOOD DUST IS SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed:

Acute

Wood dust can cause eye irritation. Certain species of wood dust can elicit allergic contact dermatitis in sensitized individuals. Wood dust may cause respiratory irritation, nasal dryness, coughing, sneezing, and wheezing as a result of inhalation.

Delayed

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 to wood dust.

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

Suitable Extinguishing Media

Use regular dry chemical, carbon dioxide, water spray, or regular foam. Use water to wet down wood and to reduce the likelihood of ignition or dispersion of dust into the air.

Large fires: water spray or fog, alcohol-resistant foam.

Unsuitable Extinguishing Media

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

Specific Hazards Arising from the Chemical

Combustible solid. Dust may form explosive mixtures with air.

Hazardous Decomposition Products

Combustion: oxides of carbon, oxides of nitrogen

Special Protective Equipment and Precautions for Firefighters

Wood is combustible and dust may form explosive mixtures with air in the presence of an ignition source. Wear full protective fire-fighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

Fire Fighting Measures

Move container from fire area if it can be done without risk. Dike for later disposal. Cool containers with water spray until well after the fire is out. Withdraw immediately in case of rising sound from venting safety device. Keep unnecessary people away, isolate hazard area and deny entry. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

NFPA Ratings: Health: 1 **Fire:** 1 **Instability:** 0 **Special Hazards:** 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

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

When handling treated wood, wear washable or disposable coveralls or long-sleeved shirt and long pants, chemical resistant gloves, and socks plus industrial grade safety boots with chemical resistant soles. Contaminated clothing should be removed and laundered before reuse. Avoid eye contact. Avoid prolonged or repeated contact with skin. DO NOT BURN 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: open flame.

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

Component Exposure Limits

Wood/Wood Dust (Not Available)

NIOSH:	1 mg/m^3 TWA (related to Wood dust, all soft and hard woods)
Mexico	5 mg/m^3 TWA LMPE-PPT (related to Wood dusts-soft woods) 10 mg/m^3 STEL [LMPE-CT] (related to Wood dusts-soft woods)
Alberta:	A2 - Suspected Human Carcinogen (related to Wood dusts-soft woods) 5 mg/m^3 TWA (total, related to Wood dust, all soft and hard woods)
Manitoba:	A1 Confirmed Human Carcinogen (related to Wood dusts-hard wood)
New Brunswick:	A1 - Confirmed Human Carcinogen (related to Wood dusts-hard wood) 10 mg/m^3 STEL (related to Wood dusts-soft woods) 5 mg/m^3 TWA (related to Wood dusts-soft woods)
Nova Scotia:	A1 - Confirmed Human Carcinogen (related to Wood dusts-hard wood)
Nunavut:	10 mg/m^3 STEL (related to Wood dust, all soft and hard woods) 5 mg/m3 TWA (related to Wood dust, all soft and hard woods)
Ontario:	10 mg/m^3 STEL (related to Wood dusts-soft woods) 5 mg/m^3 TWA (related to Wood dusts-soft woods)
Quebec:	5 mg/m^3 TWAEV (except red cedar, containing no Asbestos and <1% Crystalline silica, total dust, 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) including but not limited to California redwood, Eastern white cedar, pine, Western white cedar (related to Wood dusts-soft woods) 10 mg/m^3 STEL (related to Wood dusts-soft woods) 5 mg/m^3 TWA (related to Wood dusts-soft 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) 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)

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. Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.

Personal Protective Equipment

Eyes/Face Protection

Wear safety glasses with side shields when handling, cutting, sanding, or grinding this material.

Skin Protection

When handling treated wood, wear washable or disposable coveralls or long-sleeved shirt and long pants, chemical resistant gloves, and socks plus industrial grade safety boots with chemical resistant soles.

Respiratory Protection

If ventilation is not sufficient to effectively prevent buildup of large quantities of dust, vapors, and/or mists 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 AND CHEMICAL PROPERTIES* * *

a) Appearance	Solid Wood
b) Odor	Petroleum / Natural
c) Odor Threshold	No data available
d) pH	Not applicable
e) Melting point / freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper / lower flammability or explosive limits	No data available
k) Vapor pressure	No data available
l) Vapor density	No data available
m) Density Relative density	No data available
n) Water solubility	Insoluble
o) Partition coefficient: n-octanol/water	Not available
p) Autoignition temperature	No data available
q) Decomposition temperature	Not available
r) Viscosity	No data available
s) Explosive properties	Not classified as explosive
t) Oxidizing properties	Not available

* * * Section 10 - STABILITY AND REACTIVITY* * *

Reactivity

No reactivity hazard is expected.

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 acids, alkalis, and strong oxidizing materials

Hazardous Decomposition Products

Combustion: Oxides of carbon, oxides of nitrogen

* * * 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. Wood dust may cause nasal dryness, irritation, coughing and sinusitis.

Component Analysis - LD50/LC50

Diesel Fuel (68476-34-6)

Dermal LD50 Rabbit: >2,000 mg/kg
Oral LD50 Rabbit: >5,000 mg/kg
Inhalation LC50 Rat: >1 - <5 mg/L

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Acute Inhalation LC50 Rat (male/female): 0.26 mg/L 6 hr. (Dust/Mist)

Information on Likely Routes of Exposure

Inhalation

Airborne treated wood dust may cause nose, throat, or lung irritation.

Ingestion

May cause mild gastrointestinal discomfort from ingestion of wood dust.

Skin Contact

Handling of wood may result in skin exposure to splinters. Prolonged and/or repeated contact with treated wood dust may result in mild irritation.

Eye Contact

Treated wood dust may cause mechanical 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

Causes eye irritation

Respiratory Sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Dermal Sensitization

May cause an allergic skin reaction.

Germ Cell Mutagenicity

No data available for the mixture.

Carcinogenicity

Component Carcinogenicity

Wood/Wood Dust (Not Available)

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

IARC: Monograph 100C [2012]; Monograph 62 [1995] (Group 1 (carcinogenic to humans), related to Wood dust, all soft and hard woods)

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

DFG: Category 3B (could be carcinogenic for man, except beech and oak wood dust, related to Wood dust, all soft and hard woods)

OSHA: Present (related to Wood dust, all soft and hard woods)

Diesel Fuel (68476-34-6)

IARC: Monograph 46 [2012], Monograph 105 [2014] (Group 1 - diesel exhaust is carcinogenic to humans.)

Reproductive Toxicity

No information is available for the product.

Specific Target Organ Toxicity - Single Exposure

Respiratory system. Wood dust may cause respiratory irritation, nasal dryness, coughing, sneezing, and wheezing as a result of inhalation.

Specific Target Organ Toxicity - Repeated Exposure

Wood dust, depending on the species, may cause allergic contact dermatitis and respiratory sensitization with prolonged, repetitive contact or exposure to elevated dust levels.

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 contain 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

Diesel Fuel (68476-34-6)

Fish: Pimephales promelas (Fathead minnow) LC50 96 hr.; 35 mg/L [flow-through]

Invertebrate: Daphnia magna (Water Flea) EC50 48 hr.; 6.4 mg/L

4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one (64359-81-5)

Fish: Oncrhynchus mykiss (rainbow trout) LC50 96 hr.; 0.0027 mg/L [flow-through]; Lepomis macrochirus (bluegill sunfish) LC50 96 hr.; 0.014 mg/L [flow-through];

Invertebrate: Daphnia magna (Water Flea) EC50 48 hr.; 0.0057 mg/L

Algae: Pseudokirchneriella subcapitata (green algae) ErC50, 72 hr.; 0.048 mg/L [static]; Pseudokirchneriella subcapitata (green algae) ErC50, 72 hr.; 0.077 mg/L [static];

Bacteria: Activated sludge, Respiration rates EC50; 5.70 mg/L.

Persistence and Degradability

No information is available for the product.

Bioaccumulation Potential

No information is available for the product.

Mobility in Soil

No information is 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.

Canada Transportation of Dangerous Goods Information

Not regulated.

IMDG Information

Not regulated.

* * * Section 15 - REGULATORY INFORMATION* * *

U.S. Federal Regulations

This product is a pressure treated article which is exempt from TSCA and FIFRA under the treated article exemption per 40 CFR 152.25(a).

This material does not contain chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4). This product may be subject to reporting under SARA Section 311/312 (40 CFR 370.21) if storage threshold is exceeded.

SARA 311/312: See Section 2 for Physical and Health Hazards to be listed on Tier II form EPA 8700-30, or equivalent.

Component Marine Pollutants

This material does not contain chemicals required by US DOT to be identified as marine pollutants.

U.S. State Regulations

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

Component	CAS	CA	MA	MN	NJ	PA
Wood/Wood Dust (¹related to: Wood dust, all soft and hard woods) (²related to: Wood dusts-soft woods)	Not Available	No	No	Yes¹	Yes¹	Yes²
4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one	64359-81-5	No	No	No	No	No

WARNING: Drilling, sawing, sanding, or machining wood products generate wood dust and other substances known to the state of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Other state regulations may apply. Check individual state requirements!

WHMIS Classification(s)

D2A (Very Toxic Material at ≥ 0.1%) – Carcinogenicity, Respiratory Sensitization

D2B (Toxic Material at ≥ 1%) – Skin Sensitization, Eye Irritation

Component Analysis - Inventory

Component	CAS #	TSCA	DSL	EINECS	AU	MX	JP	PH	KR	CH
Diesel Fuel	68476-34-6	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
4,5-Dichloro-2-n-octyl-4-isothiazolin-3-one	64359-81-5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

* * * Section 16 - OTHER INFORMATION* * *

Date of Preparation

New MSDS: 03/28/2018 v.1.0; 07/21/2019 – Revise Composition and associated health hazards. V.2.0; 02/15/2022 v.2.5 – General review and update; 09-03-2025 v.3.0 – General review and update.

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; **ASTM** – American Society for Testing and Materials (ASTM International); **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; **CNS** – Central Nervous System; **CPR** - Controlled Products Regulations; **cSt** – Centistokes; **DOT** - Department of Transportation; **DSL** - Domestic Substances List; **EbC50 –** Acute Endpoint - the concentration of a test substance which results in a 50 percent reduction in biomass growth; **EINECS** - European Inventory of Existing Commercial Chemical Substances; **ELINCS** - European List of Notified Chemical Substances; **EPA** - Environmental Protection Agency; **ERG** - Emergency Response Guide; **ErC50 –** EC50 (lethal concentration) in terms of reduction of growth weight; **EU** -European Union; **F** - Fahrenheit; **g/L**- grams per liter; **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; **IMDG** – International Maritime Dangerous Goods; **JP** - Japan; **KR** - Korea; **LL** – Lethal Loading: **LLNA** – Local Lymph Node Assay; **LEL** - Lower Explosive Limit; **LMPE-CT** – Short term exposure limit; **LMPE-PPT** - Límite Máximo Permisible de Exposición Promedio Ponderado en el Tiempo (Mexico TWA equivalent); **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; **MX** – Mexico; **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; **NOELR** – No observed effect loading rate; **NTP** - National Toxicology Program; **NZ** - New Zealand; **OSHA** - Occupational Safety and Health Administration; **PH** - Philippines; **RCRA** - Resource Conversation & Recovery Act; **SARA** - Superfund Amendments and Reauthorization Act; **STEL** - Short Term Exposure Limit; **STEV** – Short-term Exposure Values; **TDG** - Transport Dangerous Goods; **TSCA** - Toxic Substances Control Act; **TWA** - Time Weighted Average; **TWAEV –** Time Weighted Average Exposure Values; **UEL** - Upper Explosive Limit; **US** - United States; **VLE-CT** – Short term exposure limit value; **VLE-PPT** – Time weighted average limit value; **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 VIA-283