



Safety Data Sheet

Material Name: Cut-N-Treat Wood Preservative (Green)

SDS ID: 372.1-KPC

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Cut-N-Treat Wood Preservative (Green)

Product Code

EPA Registration No. 3008-128

Product Use

Brush-on end-cut wood preservative for cuts, holes and injuries to pressure treated wood used in above ground applications.

Restrictions on Use

Product is ready to use and not to be used in preserved wood foundations, to recoat pressure treated wood surfaces, or as a replacement for pressure treatment. For above ground exterior use only. Not for use in dwellings.

Details of the supplier of the safety data sheet

Koppers Performance Chemicals Inc.

635 Hwy. 74 S

Peachtree City, GA 30269

Phone: 770-233-4200

Emergency Phone #: CHEMTREC 1-800-424-9300

E-mail: KPCmgrsds@koppers.com

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 2A

Acute Toxicity (Inhalation) – Category 4

Hazardous to the Aquatic Environment - Acute - Category 1

GHS Label Elements

Symbol(s)



Signal Word

Warning

Hazard Statement(s)

Causes skin irritation.

Causes serious eye irritation.

Harmful if inhaled.

Very toxic to aquatic life.

Precautionary Statement(s)

Prevention

Use only outdoors or in a well-ventilated area. Avoid breathing mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves, eye protection, face protection. Avoid release to the environment.

Response

Collect spillage.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.



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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 ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Storage

Keep out of reach of children.

Disposal

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

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
7732-18-5	Water	90-96
12069-69-1	Copper(II) carbonate hydroxide	3-4
7173-51-5	Didecyldimethylammonium chloride	1-2
7632-00-0	Sodium nitrite	<0.25
64-17-5	Ethyl alcohol	<0.25

Component Related Regulatory Information

Copper metallic Equivalent = 2%.

The chemical identity and/or percentage of composition is being withheld as a trade secret.

Section 4 - FIRST AID MEASURES

Inhalation

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Skin

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Eyes

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Ingestion

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most Important Symptoms/Effects

Acute

Causes skin irritation. Causes serious eye irritation. Harmful if inhaled.

Delayed

None known.

Note to Physicians

Probable mucosal damage may contraindicate the use of gastric lavage.

General information

Have the product container or label with you when calling a poison control center or doctor or going for treatment.



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Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, regular dry chemical, foam, water spray

Unsuitable Extinguishing Media

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

Special Hazards Arising from the Chemical

Irritating and toxic gases or fumes may be released during a fire.

Hazardous Combustion Products

Oxides of carbon, oxides of copper, copper fumes, metal oxides.

Advice for firefighters

Containers may rupture or explode if exposed to heat.

Fire Fighting Measures

Move container from fire area if it can be done without risk. Cool containers with flooding quantities of water until well after fire is out. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

Special Protective Equipment and Precautions for Firefighters

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

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Eliminate sources of ignition. Avoid heat, flames, sparks and other sources of ignition. Reduce vapors with water spray. Do not touch spilled material. Stop leak if possible without personal risk. Wipe up with absorbent material (e.g. cloth, fleece). Collect spilled material in appropriate container for disposal. Clean contaminated surface thoroughly. Never return spills in original containers for re-use. Do not contaminate water, food, or feed by storage or disposal.

Environmental Precautions

Avoid release to the environment. Collect spillage.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin, or on clothing. Wear protective eyewear such as glasses, face shield, or safety glasses. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Conditions for Safe Storage, Including any Incompatibilities

Store and handle in accordance with all current regulations and standards. Store in a tightly closed container. Store in original container. Store in a cool, dry place. Store in a well-ventilated place. Keep separated from incompatible substances. Keep out of direct sunlight, and away from heat, water, and incompatible materials. Protect from freezing.

Incompatible Materials

Strong oxidizing agents



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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

Copper	7440-50-8, from Copper(II) carbonate hydroxide (12069-69-1)
ACGIH:	0.2 mg/m ³ TWA fume, 1.0 mg/m ³ TLV dust/mist
NIOSH:	1 mg/m ³ TWA dust and mist; 0.1 mg/m ³ TWA fume
	100 mg/m ³ IDLH dust, fume and mist
OSHA (US):	0.1 mg/m ³ TWA fume; 1 mg/m ³ TWA dust and mist
Mexico:	0.2 mg/m ³ TWA [VLE-PPT] fume; 1 mg/m ³ TWA [VLE-PPT] dust and mist
Ethyl alcohol	64-17-5
ACGIH:	1000 ppm STEL
NIOSH:	1000 ppm TWA; 1900 mg/m ³ TWA
	3300 ppm IDLH (10% LEL)
OSHA (US):	1000 ppm TWA; 1900 mg/m ³ TWA
Mexico:	1000 ppm STEL [PPT-CT]

ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

There are no biological limit values for any of this product's components.

Engineering Controls

As necessary to comply with applicable exposure limits, provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear protective eyewear such as glasses, face shield, or safety glasses.

Skin Protection

Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.

Respiratory Protection

If the applicable TLVs and/or PELs are exceeded, use NIOSH-approved multipurpose air-purifying cartridge respirators, for organic vapors and P-100 particulate. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known, or any other circumstance where air-purifying respirators may not provide adequate protection.

Glove Recommendations

Wear chemical resistant gloves.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green liquid	Physical State	Liquid
Odor	No odor	Color	Green



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Odor Threshold	Not available	pH	6 - 7
Melting Point	Not available	Boiling Point	Not available
Boiling Point Range	Not available	Freezing point	Not available
Evaporation Rate	Not available	Flammability (solid, gas)	Not available
Autoignition Temperature	Not available	Flash Point	>99 °C [Pensky-Martens Closed Cup]
Lower Explosive Limit	Not available	Decomposition temperature	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	1.01
Water Solubility	soluble	Partition coefficient: n-octanol/water	Not available
Viscosity	0.995 mPas at 20 °C	Kinematic viscosity	0.985 cSt at 20 °C
Solubility (Other)	Not available	Bulk Density	8.43 lb/gal
Density	1.01 g/mL at 20 °C	Physical Form	liquid
VOC content	32 g/L		

Section 10 - STABILITY AND REACTIVITY

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable at normal temperatures and pressure.

Possibility of Hazardous Reactions

Will not polymerize.

Conditions to Avoid

Avoid contact with incompatible materials. Heat, sparks, or flame and incompatible materials. Extreme temperatures. Protect from freezing.

Incompatible Materials

Strong oxidizing agents

Hazardous decomposition products

Oxides of carbon, oxides of copper, copper fumes, metal oxides.

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

Harmful if inhaled.



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Skin Contact

Causes skin irritation.

Eye Contact

Causes serious eye irritation.

Ingestion

No information on significant adverse effects.

Acute and Chronic Toxicity

Product Toxicity Data

Product Analysis LD/LC 50 Toxicity Values

Oral LD50:	Rat >5000 mg/kg
Dermal LD50:	Rat >5000 mg/kg
Inhalation LC50:	Rat >2.33 mg/l 4 hr

Immediate Effects

Causes skin irritation. Causes serious eye irritation. Harmful if inhaled.

Delayed Effects

None known.

Irritation/Corrosivity Data

This material was moderately irritating to rabbit skin. It is severely irritating to eyes of rabbits.

Respiratory Sensitization

No information on significant adverse effects.

Dermal Sensitization

This material is not a skin sensitizer.

Component Carcinogenicity

Ethyl alcohol	64-17-5
ACGIH:	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
IARC:	Monograph 100E [2012] (in alcoholic beverages); Monograph 96 [2010] (in alcoholic beverages) (Group 1 (carcinogenic to humans))
DFG:	Category 5 (low carcinogenic potency)
OSHA:	Present

Germ Cell Mutagenicity

No data available.

Tumorigenic Data

No data available.

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No target organs identified.

Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

Aspiration hazard

No data available.

Medical Conditions Aggravated by Exposure

None known.



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Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. For terrestrial uses, do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

Component Analysis - Aquatic Toxicity

Copper	7440-50-8, from Copper(II) carbonate hydroxide (12069-69-1)
Fish:	LC50 96 h <i>Pimephales promelas</i> 0.0068 - 0.0156 mg/L; LC50 96 h <i>Pimephales promelas</i> <0.3 mg/L [static]; LC50 96 h <i>Pimephales promelas</i> 0.2 mg/L [flow-through]; LC50 96 h <i>Oncorhynchus mykiss</i> 0.052 mg/L [flow-through]; LC50 96 h <i>Lepomis macrochirus</i> 1.25 mg/L [static]; LC50 96 h <i>Cyprinus carpio</i> 0.3 mg/L [semi-static]; LC50 96 h <i>Cyprinus carpio</i> 0.8 mg/L [static]; LC50 96 h <i>Poecilia reticulata</i> 0.112 mg/L [flow-through]
Algae:	EC50 72 h <i>Pseudokirchneriella subcapitata</i> 0.0426 - 0.0535 mg/L [static] EPA; EC50 96 h <i>Pseudokirchneriella subcapitata</i> 0.031 - 0.054 mg/L [static] EPA
Invertebrate:	EC50 48 h <i>Daphnia magna</i> 0.03 mg/L [static] EPA
Didecyldimethylammonium chloride	7173-51-5
Fish:	LC50 96 h <i>Danio rerio</i> 0.97 mg/L [semi-static]
Sodium nitrite	7632-00-0
Fish:	LC50 96 h <i>Oncorhynchus mykiss</i> 0.19 mg/L [flow-through] (juvenile); LC50 96 h <i>Oncorhynchus mykiss</i> 0.092 - 0.13 mg/L [flow-through]; LC50 96 h <i>Oncorhynchus mykiss</i> 0.4 - 0.6 mg/L [semi-static]; LC50 96 h <i>Oncorhynchus mykiss</i> 0.65 - 1 mg/L [static]; LC50 96 h <i>Pimephales promelas</i> 2.3 mg/L [flow-through]; LC50 96 h <i>Pimephales promelas</i> 20 mg/L [static]
Ethyl alcohol	64-17-5
Fish:	LC50 96 h <i>Oncorhynchus mykiss</i> 12 - 16 mL/L [static]; LC50 96 h <i>Pimephales promelas</i> >100 mg/L [static]; LC50 96 h <i>Pimephales promelas</i> 13400 - 15100 mg/L [flow-through]
Invertebrate:	LC50 48 h <i>Daphnia magna</i> 9268 - 14221 mg/L IUCLID; EC50 48 h <i>Daphnia magna</i> 2 mg/L [Static] EPA

Persistence and Degradability

No data available.

Bioaccumulative Potential

No data available.

Mobility

No data available.



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Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in accordance with all applicable regulations. Nonrefillable container. Do not reuse or refill this container. Securely wrap original container in several layers of newspaper and discard in trash or offer for recycling if available.

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 dangerous goods

IATA Information: Not regulated as dangerous goods

ICAO Information: Not regulated as dangerous goods

IMDG Information: Not regulated as dangerous goods

International Bulk Chemical Code

This material contains one or more of the following chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

Sodium nitrite	7632-00-0
IBC Code:	Category Y (solution)

Section 15 - REGULATORY INFORMATION

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 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

Sodium nitrite	7632-00-0
SARA 313:	1 % de minimis concentration
CERCLA:	100 lb final RQ; 45.4 kg final RQ
TSCA 12b:	Section 5, 1 % de minimus concentration (see 40 CFR 721.4740)

SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories

Skin Corrosion/Irritation; Serious Eye Damage/Eye Irritation; Acute Toxicity (Inhalation)

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
Sodium nitrite	7632-00-0	Yes	Yes	No	Yes	Yes
Ethyl alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes



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California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

Not listed under California Proposition 65.

Component Analysis - Inventory

Water (7732-18-5)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	No	Yes	No

KR - REACH CCA	MX	NZ	PH	TH-TECI	TW	VN (Draft)
No	Yes	Yes	Yes	Yes	Yes	Yes

Copper(II) carbonate hydroxide (12069-69-1)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No

KR - REACH CCA	MX	NZ	PH	TH-TECI	TW	VN (Draft)
No	No	Yes	Yes	Yes	Yes	Yes

Didecyltrimethylammonium chloride (7173-51-5)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No

KR - REACH CCA	MX	NZ	PH	TH-TECI	TW	VN (Draft)
Yes	Yes	Yes	Yes	No	Yes	Yes

Sodium nitrite (7632-00-0)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No

KR - REACH CCA	MX	NZ	PH	TH-TECI	TW	VN (Draft)
Yes	Yes	Yes	Yes	Yes	Yes	Yes



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Ethyl alcohol (64-17-5)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No

KR - REACH CCA	MX	NZ	PH	TH-TECI	TW	VN (Draft)
No	Yes	Yes	Yes	Yes	Yes	Yes

Further information

Labeling Requirements Under FIFRA. This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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:
DANGER. Corrosive. Causes irreversible eye damage.

Section 16 - OTHER INFORMATION

NFPA Ratings

Health: 3 Fire: 1 Instability: 0

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

Preparation Date

New: 02/26/2020

Updated: 08/27/2026

Revision number: 4

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; Ne- Non-



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specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL – Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL- Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA – Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW – Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

Other Information

Disclaimer:

The information set forth in this Safety Data Sheet does not purport to be all-inclusive and should be used only as a guide. While the information and recommendations set forth herein are believed to be accurate, the company makes no warranty regarding such information and recommendations and disclaims all liability from reliance thereon.