

Wood Cleaners and Strippers

Wood ReNew™

Renews the Natural Beauty of Bare Wood

Wood Renew is a cleaning concentrate for use on bare wood surfaces. A safe, effective cleaner it is the best product to use for removing UV damaged gray wood fibers.

Wood ReNew will also help remove old worn finishes, mill glaze, mold, mildew and dirt from wood surfaces. *Wood ReNew* is not a maintenance cleaner for cleaning finished surfaces.

One gallon of *Wood ReNew* makes 20 gallons of solution, enough to clean approximately 3000sq.ft. of wood surface.

Surface Preparation:

Use *Wood ReNew* to help remove grayed wood fibers.

Application Rates:

Add 4 cups of *Wood ReNew* to 5 gallons of water. Each gallon of mixed solution will clean approx. 150 sq.ft. of wood surface.

1 gallon container of *Wood Renew* will clean approx. 3000 sq.ft.

Application Temperature:
40° F to 90° F

Application Methods:
Sponge.
Scrub brush.
Mop.

of Coats:
As needed. Works best if used along with a pressure washer. Thoroughly rinse.

Drying Time:
Never allow to dry on wall.

Clean up:
Water.

Packaging:
1 gallon container.
Samples available.

Storage/Shelf Life:
Freeze/thaw stable.
5 years.



Oxcon™

Concentrated Oxalic Acid Solution

Oxcon is the only product that will remove dark colored streaks from metallic tannates. It must be diluted with four parts water for use. *Oxcon* solutions will remove rust stains caused by nails, screws and fasteners.

Use *Oxcon* only when needed. We recommend the use of pH Strips to verify that the surface has been adequately rinsed after using any cleaning product.

Surface Preparation:

Clean surface with Log Wash before using *Oxcon*.

Application Rates:

200 sq.ft. per gallon of mixed solution. One gallon of *Oxcon* makes 5 gallons of mixed solution and cleans approx. 1000 sq.ft.

Application Temperature:
40° F to 90° F

Application Methods:
Low pressure sprayer.

of Coats:
1 application.
Thoroughly rinse. Use pH strips to assure adequate rinsing.

Drying Time:
Never allow to dry on wall.

Clean up:
Water.

Packaging:
1 gallon container.
5 gallon pail.
Samples available.

Storage/Shelf Life:
DO NOT FREEZE!
6 months.



pH Strips

A Note About Rinsing

No matter what product you use to clean bare wood, nothing is more important than making sure you have adequately rinsed the surface. Any chemical residue remaining on the wood can have serious consequences later on.

We always recommend using pH Strips to make sure that the surface of the wood has been sufficiently rinsed, preferably to a pH of between 6.5 and 7.5.

Take the guess work out of rinsing cleaners and strippers by using pH strips.



Washington 1-800-548-1231; Tennessee 1-800-548-3554; Montana 1-800-479-7090;
Minnesota 1-877-244-6548; Colorado 1-800-433-8781

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OXcon™

Oxalic Acid



Mix one (1) part OXcon with four (4) parts water for use.

Diluted OXcon is designed to remove metallic discolorations as well as to brighten up wood surfaces that have turned dark from the use of high pH (alkaline) cleaners and strippers. OXcon should not be used to remove grayed wood fibers. Wood ReNew™ works best for removing grayed UV damaged surface wood.

Recommended Applications:

- ≅ To remove discolorations due to the presence of metallic tannates and rust.
- ≅ To brighten the wood after the use of high pH strippers and cleaners.
- ≅ To even out the color of a wall that's blotchy.

Do not use OXcon to:

- ≅ Remove grayed wood.
- ≅ "Neutralize" the wood after the use of other chemicals.
- ≅ To remove brown stain, blue stain or flavonoid discolorations.

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1.0 gallon (approx. 3.8 liters)

3/09

APPLICATION DIRECTIONS

Surface Preparation: Brush or wipe off any extraneous debris that may be present. OXcon should only be applied to clean, bare wood surfaces.

Mixing: Dilute one (1) part OXcon with four (4) parts water in a clean plastic container. Do not use a metal container! OXcon must be properly diluted since higher concentrations can damage the wood surface. Mix thoroughly before using and periodically during use.

Application: OXcon may be applied with a low pressure sprayer, roller, brush, or broom. Use liberal amounts (a flooding coat) over an entire area. Do not spot-treat since this method of application can cause blotching. Allow the solution to remain on the surface for 10 to 15 minutes, then rinse thoroughly with lots of fresh water starting at the top of the wall and working your way down. Allow the surface to dry, then look at the results. If the wood is still too dark or blotchy, repeat the procedure.

Rinsing: It is extremely important that all OXcon residue be thoroughly rinsed off of the wood. We strongly recommend the use of pH Strips to assure that all OXcon residue has been removed

CAUTION

Keep out of reach of children. Wear protective breathing gear, rubber gloves, and eye protection. Make certain the work area is well ventilated. Do not breathe fumes and keep away from heat that could produce fumes. If exposed, promptly flush eyes with water and wash skin with soap and water. Cover plants, shrubs, aluminum frames, etc. before use.

LIMITED WARRANTY

Perma-Chink Systems, Inc. warrants and represents that Perma-Chink Systems Family of Products will conform to the description and specifications previously set forth and be free from defects in material and workmanship when shipped to the buyer. EXCEPT WHEN HEREIN EXPRESSLY STATED, THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE, APPLICABLE TO THE PERMA-CHINK LOG HOME PRODUCT. PERMA-CHINK SYSTEMS EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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Material Safety Data Sheet



IDENTITY (As Used on Label and List)

OXCON

Section I

Manufacture's Name Perma-Chink Systems, Inc.	Emergency Telephone Number: CHEMTREC 1-800-424-9300
Address (Number, Street, City, State, and ZIP code) 1605 Prosser Road	Telephone Number for Information: 865-524-7343
Knoxville, TN 37914	Date of Preparation 8/17/09
Preparer's Name Sean Gahan	Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Component (Specific Chemical Identity, Common Name(s):

	CAS #	OSHA / PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Oxalic Acid Dihydrate	6153-56-6	N/A	1mg/m ³		7-11

Section III – Physical/Chemical Characteristics

Boiling Point: 212°F	Specific Gravity (H ₂ O = 1) 1.0 – 1.2
Vapor Pressure (mm Hg.) 125mm Hg @ 100°F	Melting Point % Volatile (Volume)
Vapor Density (Air = 1) 0.90	Evaporation Rate (Butyl Acetate = 1) < 1 Water
Solubility in Water Miscible in water, alcohol, acetone, some glycol ethers, insoluble in petroleum hydrocarbons.	
Appearance and Odor Clear odorless liquid	

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) Non-Flammable	Flammable Limitations Non-flammable
Extinguishing Media Non-Flammable	
Special Fire Fighting Procedures Non-Flammable. Use water to cool fire exposed containers.	

Unusual Fire and Explosion Hazards

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	✓	Avoid extreme heat.
Incompatibility (Materials to Avoid)	Avoid mixing with acids, ammonia, and active metals such as Zn, Mg, brass, and bronze.		
Hazardous Decomposition or Byproducts	Material can form explosive hydrogen, carbon monoxide, or formic acid on contact with materials to avoid or in extreme heat.		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	✓	None Known

Section VI – Health Hazard Data

Routes of Entry Inhalation? Yes Skin? Yes Ingestion? Yes Eye Contact? Yes

Health Hazards (Acute and Chronic)

EYE CONTACT: May cause severe eye irritation, corneal burns, and conjunctivitis. **INHALATION:** Inhalation of mists can cause irritation or corrosive burns of mucous membranes in the upper respiratory.

INGESTION: May cause gastrointestinal irritation, corrosive burns if swallowed. **SKIN CONTACT:** Prolonged contact with skin can cause severe skin irritation, redness, or corrosive burns.

Carcinogenicity? NO NTP? NO IARC Monographs? NO OSHA Regulated? NO

No long-term adverse effects are known.

Signs and Symptoms of Exposure: None known

Medical Conditions: Pre-existing skin conditions could be aggravated by repeated exposure.

Emergency and First Aid Procedures:

Eye contact: Flush with clean water for at least 15 minutes; seek medical attention.

Ingestion: DO NOT INDUCE VOMITING. Give 1-2 glasses of water or milk to drink. If irritation develops, seek medical attention.

Skin contact: Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation persists.

Inhalation: If vapors are inhaled, move individual to fresh air. Seek medical attention if irritation develops or breathing becomes difficult

Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled

Soak up spill with absorbent material. Neutralize all spilled liquid with an alkali material such as sodium bicarbonate.

Waste Disposal Method

Neutralized material is not hazardous. Dispose of material in accordance with all applicable Federal, State, and Local regulations.

Precautions to be taken in Handling and Storing

KEEP OUT OF REACH OF CHILDREN. Store in the original container. Keep lid tight. Do not reuse container for other purposes.

Other Precautions: Read and observe all precautions on product label. Wash contaminated clothing before reuse.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

If spraying material, wear a NIOSH/MSHA – approved respirator for organic vapors or mists.

Ventilation Local Exhaust

Maintain adequate ventilation to keep below TLV.

Special

Otherwise use respiratory protection.

Mechanical (general)

Other

Protective Gloves

Chemical Resistant gloves

Eye Protection

Goggles or safety glasses with side shields recommended.

Other Protective Clothing or Equipment

Rubber boots and chemical resistant suit, if skin contact is likely.

Work/Hygenic Practices: General care and hygiene.

The information contained herein is, to the best of Perma-Chink Systems, Inc. knowledge, accurate as of the data indicated. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume responsibility for the results of its use. This information is furnished on the condition that the person receiving it shall make his own determination as to the suitability of the material for his particular purpose and on the condition that he assumes the risk of his use thereof.