



A Division of SAE Corporation

Nortek® COPPERWORKS

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Restore

Restore is a highly concentrated product formulated specifically for truly dramatic results in cleaning mildew, moss, and unsightly stains from **Log Homes**, wood fences, decks, roofs, and furniture. Restore is also extremely effective in cleaning asphalt composition roofing to remove algae and moss. Proper application of Restore can bring back even the most dingy gray wood to a like-new appearance. **Restore is CTA's last resort product to try prior to costly corn-cobbing.** No need for high-pressure washing or strong bleaching solutions. Simply spray on Restore, allow it the time to complete its work, and low-pressure rinse or hose off. For long-term protection from mildew stains and water damage, apply CTA's Outlast DeckSeal or Outlast Q⁸ Log Oil to wood after cleaning with Restore. Be Aware: THIS PRODUCT IS HIGHLY CAUSTIC. Keep it off your skin and out of eyes. Restore ships under a HAZMAT freight classification.

Directions: Never apply Restore without dilution. Restore should be mixed with at least six parts of water before application.

1. Pre-wet and/or cover sensitive vegetation that might be exposed to run-off or over spray such as near the edge of a deck or along the drip line of a roof.
2. For most jobs, Restore can be diluted with ten to twelve parts of water, although heavily grayed or mildewed wood will respond better to a dilution with six parts of water.
3. The Preferred Method of Application is through a Dilution Foamer. Remove the orifice from the bottom side of the cap and replace the pickup tube. This sets the Foamer for a dilution of twelve to one. Simply fill the reservoir with Restore, attach to a garden hose and pull the trigger. This will allow coverage of large areas with minimal effort.
4. Flood the surface to be cleaned with the diluted solution of Restore. A Flo-Jet pump or other similar apparatus can be used for application of pre-diluted Restore, but care should be taken to avoid generating excessive mist and over spray.
5. Cover the surface in broad strokes, making sure that all surfaces are sufficiently wet from the product.
6. Allow Restore to rest on the surface for at least twenty minutes, giving time for the product to penetrate and loosen soil and debris.
7. Rinse thoroughly till no visible foam is raised from the wood. Although a water hose is sufficient for rinsing, most jobs will respond well to a low pressure rinse (150psi) with a 45 degree tip.

Danger: Restore contains Sodium Hydroxide and can cause irritation when allowed to contact the eyes or skin. Inhalation of airborne mists can be irritating to the throat. Please refer to the product MSDS for more specific handling instructions. **KEEP THIS AND ALL SIMILAR MATERIALS OUT OF THE REACH OF CHILDREN. For spill, leak, or Medical Emergency call Infotrac 800-535-5053**

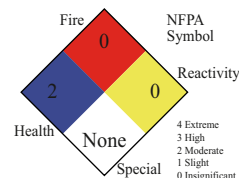


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Date: May 15, 2008



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Section I - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Sodium Hydroxide CAS# 1310-73-2	2mg/M ³ (dust)	2mg/M ³ (dust)		

Section II - Physical/Chemical Characteristics

Boiling Point	> 212° F	Specific Gravity (H ₂ O = 1)	1.224
Vapor Pressure (mm Hg.)	Unknown	Melting Point	N/A
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Water = 1)	1
Solubility in Water: Soluble	VOC: 0.18 #s/gallon 22.22 grams/liter		
Appearance and Odor: Amber liquid with surfactant odor	Shipping Information: Compound, Cleaning Liquid, Corrosive Contains Sodium Hydroxide 8, III, NA 1760, NMFC 48580		

Section III - Fire and Explosion Hazard Data

Flash Point (Method Used) Non-flammable	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media: As appropriate for surrounding fire.			
Special Fire Fighting Procedures: Use water spray to cool drums exposed to fire.			
Unusual Fire and Explosion Hazards: The liquid will react with metals like magnesium, aluminum, zinc (galvanized).			

Section IV - Reactivity Data

Stability	Unstable		Conditions to Avoid: Can react with acids & many organic compounds.
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>) Aluminum, tin, lead, zinc and their alloys, all acids, nitro-methane and nitro compounds.			
Hazardous Decomposition or Byproducts: None Known			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section V - Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
Health Hazards (<i>Acute and Chronic</i>): Caustic Soda is a corrosive material. Sodium Hydroxide: Acute oral LD50=140-340mg/kg(rat) Acute dermal LD50 1.35 gm/kg (rabbit). <u>Inhalation</u> : Excessive inhalation of mist can cause mild irritation. Higher concentrations of mist may cause severe burns, tissue damage, and severe irritation of upper respiratory tract. <u>Eye contact</u> : Caustic soda is destructive to eye tissues on contact, and can cause burns that result in damage to the eyes and even blindness. <u>Contact with the skin</u> : Caustic soda is destructive to tissues contacted and produces severe burns. <u>Ingestion</u> : Caustic soda, if swallowed, can cause severe burns and tissue perforation of mucous membranes of the mouth, throat, esophagus and stomach.			
Carcinogenicity:	NTP? No	IARC Monographs No?	OSHA Regulated? No

Restore (cont'd)

Signs and Symptoms of Exposure: Irritation of the skin, eyes, mouth, and/or mucous membranes. The mist from this product can cause respiratory sensitization.

Medical Conditions Generally Aggravated by Exposure: Existing dermatitis or conjunctivitis

Emergency and First Aid Procedures

Eyes: Irrigate eyes with water for at least 15 to 20 minutes. Seek medical attention immediately. Skin: Wash contaminated areas with plenty of water. Remove contaminated clothing and footwear and wash clothing before reuse. Discard footwear which cannot be decontaminated. Seek medical attention if irritation persists or if blistering is present. Inhalation: Get person out of contaminated area to fresh air. If breathing has stopped, resuscitate and administer oxygen if readily available. Seek medical attention immediately. Ingestion: Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Give large quantities of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airways clear. Seek medical attention immediately.

Section VI - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Spill Cleanup Procedures: For small spill flush with ample water. Rinse with acetic acid and finally with water. For large spills: First contain the spill and dilute with water; neutralize with acid before flushing to a drain. Waste Disposal: Flush to sewer. If large quantities of liquid are involved, pH adjustment may be required. Dispose in conformance with federal, state and local regulations. Environmental Hazards: This material is considered to be biodegradable. However, high pH levels can be harmful to fish and other wildlife. Use in such a way that runoff does not contact streams or open waterways.

Precautions to Be taken in Handling and Storing

Store in closed containers between 50° F – 120° F.
Keep away from excessive heat.
Store and use in well ventilated areas.
Drum is not a pressure vessel; never use pressure to empty.

Section VII - Control Measures

Respiratory Protection (*Specify Type*)

In confined spaces or other circumstances where adequate ventilation cannot be assured use NIOSH-approved respirator, positive pressure airline mask, or self contained breathing apparatus.

Ventilation	Local Exhaust Suitable for almost all applications	Special
	Mechanical (<i>General</i>)	Other

Protective Gloves Rubber or neoprene	Eye Protection Safety goggles & face shield where appropriate.
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Other Protective Clothing or Equipment

Use of a rubber or neoprene apron is highly recommended if the product is being used in such a way that it might contact the skin

Work/Hygienic Practices

Normal Industrial Hygiene Practices. Keep out of the reach of children.