

# SAFETY DATA SHEET

## Klean Strip Wood Bleach Part B

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Printed: 01/07/2015  
Revision: 12/23/2014  
Supersedes Revision: 02/28/2012

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Klean Strip Wood Bleach Part B  
**Company Name:** W. M. Barr  
2105 Channel Avenue  
Memphis, TN 38113  
**Phone Number:** (901)775-0100

**Web site address:** www.wmbarr.com

**Emergency Contact:** 3E 24 Hour Emergency Contact (800)451-8346  
**Information:** W.M. Barr Customer Service (800)398-3892

**Intended Use:** To be used in conjunction with Wood Bleach Part A to lighten stripped or unfinished wood.

**Synonyms:** G409, GWB19

### 2. HAZARDS IDENTIFICATION

**Oxidizing Liquids, Category 1**

**Acute Toxicity: Inhalation, Category 4**

**Skin Corrosion/Irritation, Category 1A**



**GHS Signal Word:**

**Danger**

**GHS Hazard Phrases:**

H271: May cause fire or explosion; strong oxidizer.  
H332: Harmful if inhaled.  
H314: Causes severe skin burns and eye damage.

**GHS Precaution Phrases:**

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P220: Keep away from combustible materials.  
P283: Wear fire/flammable resistant/retardant clothing.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P221: Take any precaution to avoid mixing with combustibles.  
P271: Use only outdoors or in a well-ventilated area.  
P261: Avoid breathing gas/mist/vapours/spray.  
P260: Do not breathe gas/mist/vapours/spray.  
P264: Wash hands thoroughly after handling.

**GHS Response Phrases:**

P371+380+375: In case of major fire and large quantities: evacuate area and fight fire remotely due to the risk of explosion.  
P370+378: In case of fire, use dry chemical powder to extinguish.  
P306+360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312: Call a POISON CENTER/doctor if you feel unwell.  
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363: Wash contaminated clothing before reuse.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P310: Immediately call a POISON CENTER/doctor.  
P321: Specific treatment see label.

**GHS Storage and Disposal Phrases:**

P501: Dispose of contents/container according to local, state and federal regulations.  
P405: Store locked up.

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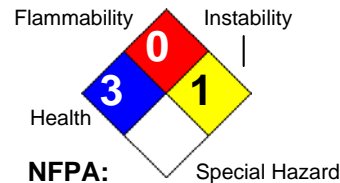
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**Hazard Rating System:**

HEALTH	-	3
FLAMMABILITY	0	
PHYSICAL	1	
PPE		X

**HMIS:****OSHA Regulatory Status:**

This material is classified as hazardous under OSHA regulations.

**Potential Health Effects  
(Acute and Chronic):**

**INHALATION EXPOSURE EFFECTS:** May cause irritation of respiratory tract, nose and throat. In case of repeated or prolonged exposure, risk of sore throat, nose bleeds, and chronic bronchitis.

**SKIN CONTACT EXPOSURE EFFECTS:** May cause burns, redness, blisters, and temporary whitening or bleaching of the skin.

**EYE CONTACT EXPOSURE EFFECTS:** May cause severe eye irritation, watering, redness and swelling of the eyelids. There is risk of serious or permanent eye lesions.

**INGESTION EXPOSURE EFFECTS:** Harmful or fatal if swallowed. May cause paleness and cyanosis of the face. May cause severe irritation, risk of burns and perforation of the gastrointestinal tract accompanied by shock. May cause excessive fluid in the mouth and nose, with risk of suffocation. There is risk of throat and lung edema and suffocation. May cause cough, nausea and vomiting (bloody). There is risk of chemical pneumonitis from product inhalation.

**ROUTE OF ENTRY:** Inhalation, skin, and ingestion

**TARGET ORGANS:** Respiratory system, eyes, lungs, stomach

**Medical Conditions Generally** None Known.

**Aggravated By Exposure:**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	27.5 %

### 4. FIRST AID MEASURES

**Emergency and First Aid  
Procedures:**

**Skin:**

Remove contaminated clothing. Immediately wash skin thoroughly with large amounts of water and mild soap, if available. Seek medical attention if irritation develops or persists.

**Eyes:**

Immediately begin to flush eyes with water, remove any contact lens if present. Continue to flush the eyes for at least 15 minutes. Seek medical attention.

**Inhalation:**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**Ingestion:**

If swallowed, do NOT induce vomiting. If conscious, drink large quantities of water. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person.

**Signs and Symptoms Of Exposure:** See Potential Health Effects.

## 5. FIRE FIGHTING MEASURES

**Flash Pt:** Non-Flammable, Oxidizer  
NE

**Explosive Limits:** LEL: No data. UEL: No data.

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Non-combustible liquid - use extinguishing media for underlying cause of fire.

**Unsuitable Extinguishing Media:** None known.

**Fire Fighting Instructions:** Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Stay away from heads of container that have been exposed to intense heat or flame.

**Flammable Properties and Hazards:** Strong Oxidizer! Evaporation or drying of this material on cloth or other combustible surfaces may cause a fire. Contact with combustible liquids or vapors may cause fire or explosion, especially if exposed to heat.

Non-combustible, but may contribute to the combustion of other substances and causes violent and sometimes explosive reactions.

Contact with flammables may cause fire or explosion.

Oxygen released on exothermic decomposition may support combustion in case of surrounding fire.

Pressure burst may occur due to decomposition in confined spaces/containers.

## 6. ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Isolate the immediate area. Prevent unauthorized entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, or confined areas.

A vapor suppressing foam may be used to reduce vapors. In case of contact with combustible materials, avoid product drying out by dilution with water.

Absorb or cover with dry earth, sand, or other non-combustible material and transfer to compatible containers.

For large spills, dike ahead of the spill with sand or earth if possible. Dilute with large quantities of water. Do not add chemical products. Do not return product to the original container.

## 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:** Only use in a well ventilated area.  
Keep away from heat sources and incompatible materials.  
Prevent all contact with organics.  
Never return unused product to the storage container.  
Ensure an adequate supply of clean water is available in the event of skin or eye contact or to dilute spills.

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Containers and equipment used to handle hydrogen peroxide should be used exclusively for hydrogen peroxide.

Close container after each use.

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty.

Dispose of empty container according to all regulations.

Do not reuse this container.

### Precautions To Be Taken in Storing:

Store in a ventilated, cool area away from heat sources and out of the sun.

Keep away from incompatible products.

Keep away from combustible substances.

Keep in original container, tightly closed.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	PEL: 1 ppm	TLV: 1 ppm CEIL: 2 mg/m <sup>3</sup>	No data.
<b>Respiratory Equipment (Specify Type):</b>	For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved full-face supplied air respirator for excessive concentrations.			
	For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.			
<b>Eye Protection:</b>	A dust mask does not provide protection against vapors. Chemical splash goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury.			
<b>Protective Gloves:</b>	Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as rubber and PVC provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be rinsed off, allowed to dry, discarded and not reused.			
<b>Other Protective Clothing:</b>	Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.			
<b>Engineering Controls (Ventilation etc.):</b>	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.			

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**Work/Hygienic/Maintenance Practices:** Wash hands thoroughly after use and before eating, drinking, or smoking.

Do not eat, drink, or smoke in the work area.

Discard any clothing or other protective equipment that cannot be decontaminated.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid  
**Appearance and Odor:** Free and clear colorless liquid with a slightly pungent odor.  
**Melting Point:** No data.  
**Boiling Point:** 212.00 F - 220.00 F  
**Autoignition Pt:** No data.  
**Flash Pt:** NE  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Specific Gravity (Water = 1):** 1.1  
**Density:** 9.189 LB/GA at 75.0 F  
**Vapor Pressure (vs. Air or mm Hg):** 0 MM HG at 20.0 C  
**Vapor Density (vs. Air = 1):** > 1  
**Evaporation Rate:** > 1  
**Solubility in Water:** Complete  
**pH:** 2.5 - 3.4  
**Percent Volatile:** 100.0 % by weight.  
**VOC / Volume:** <= 0.0000 G/L

## 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** Do not mix with other chemicals, unless directed to by the container label.  
**Incompatibility - Materials To Avoid:** Heat and sources of heat, contamination, acids, bases, metals, salts of metals, reducing agents, organic materials, flammable substances.  
**Hazardous Decomposition Or Byproducts:** Thermal decomposition may produce oxygen, steam, and heat.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**Conditions To Avoid - Hazardous Reactions:** No data available.

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### 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** This product has not been tested as a whole.  
CAS# 7722-84-1:

**Chronic Toxicological Effects:** Acute toxicity, LC50, Inhalation, Rat, 2.000 GM/M3, 4 H.  
Result:  
Lungs, Thorax, or Respiration: Pulmonary emboli.  
- Gigiena Truda i Professional'nye Zabolevaniya. (Labor Hygiene and Occupational Disease), V/O Mezhdunarodnaya Kniga, Moscow 113095 Russia, Vol/p/yr: 21(10),22, 1977

**Carcinogenicity/Other Information:** ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans  
IARC 3 - Not classifiable as to its carcinogenicity to humans

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	n.a.	3	A3	n.a.

### 12. ECOLOGICAL INFORMATION

**General Ecological Information:** This product has not been tested as a whole.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose in accordance with applicable local, state and federal regulations.

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Hydrogen peroxide, aqueous solutions  
**DOT Hazard Class:** 5.1 (8) OXIDIZER, CORROSIVE  
**UN/NA Number:** UN2014  
**Packing Group:** II



**Additional Transport Information:**

### 15. REGULATORY INFORMATION

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

[X] Yes [ ] No	Acute (immediate) Health Hazard
[ ] Yes [X] No	Chronic (delayed) Health Hazard
[X] Yes [ ] No	Fire Hazard
[ ] Yes [X] No	Sudden Release of Pressure Hazard
[X] Yes [ ] No	Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

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**16. OTHER INFORMATION**

**Revision Date:** 12/23/2014  
**Preparer Name:** W.M. Barr EHS Dept (901)775-0100

**Additional Information About This Product:** No data available.

**Company Policy or Disclaimer:** The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.