

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 9/02/1999
00000000 XPAGE 1
MSDS NO. 409.1

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURERS NAME
W.M. BARR & COMPANY, INC.ADDRESS
2105 Channel Ave.
Memphis, TN 38113 USAEMERGENCY TELEPHONE #1
901-775-0100EMERGENCY CONTACT
W.M. Barr Technical Services

EMERGENCY INFORMATION

See Section 5 for additional Emergency Information

INVENTORY ITEM #
GWB19CHEMICAL FORMULA
409.1

PRODUCT NAME

K/S WOOD BLEACH KIT GL (A & B)

REVISED BY

W.M. Barr Technical Services

REVISION DATE

7/20/1992

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CARCINOGENICITY

SUBSTANCE DESCRIPTION	PERCENT	CAS#	CARCINOGENICITY			
			NTP	ACGIH	OSHA	IARC
HYDROGEN PEROXIDE SOLUTION	95-100	7722-84-1	N	N	N	N
** ABOVE INGREDIENT CONSISTS OF THE FOLLOWING **						
HYDROGEN PEROXIDE	25- 30	7722-84-1	N	N	N	N

SECTION 3. REGULATORY INFORMATION

EXPOSURE LIMITS/REGULATORY INFORMATION

SUBSTANCE DESCRIPTION	REG.AGCY U/M		TWA	STEL	CEIL	SKIN	PEL
	ACGIH	OSHA					
HYDROGEN PEROXIDE SOLUTION	ACGIH	PPM	1.00	N/E	N/E	N	N/E
	OSHA	PPM	1.00	N/E	N/E	N	1.00
HYDROGEN PEROXIDE	ACGIH	PPM	1.00	N/E	N/E	N	N/E
	OSHA	PPM	1.00	N/E	N/E	N	1.00

ADDITIONAL REGULATORY INFO

The time weighted average (TWA) value described herein is a threshold limit value (TLV) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

CALIFORNIA (PROPOSITION #65)

Ingredients in this product are not listed on California's Prop 65 list: "Chemicals Known to the State to Cause Cancer or Reproductive Toxicity."

SEC. 313 SUPPLIER NOTIFICATION

The following information must be included in all MSDS that are copied and distributed for this material.

This product contains no chemicals subject to the reporting requirements of SARA III: Section 313.

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SECTION 3. REGULATORY INFORMATION
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CLEAN AIR ACT

This formula contains no known ozone depleting chemicals.

HAZARD COMMUNICATION STANDARD

This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

The following effects and/or symptoms are not expected to be experienced by persons who use this product properly and according to ALL instructions, precautions, and warnings; however, should the product user experience ANY questionable effects or symptoms, the product user should immediately seek medical attention.

SECTION 4. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS

May cause irritation of respiratory tract. Severe overexposure may cause permanent injury, and death.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

May cause severe burns, redness, blisters, and temporary whitening or bleaching.

EYE CONTACT ACUTE EXPOSURE EFFECTS

Causes eye damage. Causes severe burns.

INGESTION ACUTE EXPOSURE EFFECTS

Harmful if swallowed. May cause nausea, irritation to mouth and throat, and gastrointestinal irritation. May produce large quantities of oxygen gas causing enlargement and severe damage to the throat and stomach, and distention of esophagus or stomach.

CHRONIC EXPOSURE EFFECTS

May cause irritation to the eyes, nose, and throat.

MEDICAL CONDITIONS AGGRAVATED

None known.

PRIMARY ROUTE OF EXPOSURE

Inhalation, ingestion, and dermal.

SECTION 5. FIRST AID MEASURES

INHALATION

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

SKIN CONTACT

Wash with soap and large quantities of water and seek medical attention if irritation from contact persists.

EYE CONTACT

Flush with large quantities of water for at least 15 minutes and seek immediate medical attention.

INGESTION

Do not induce vomiting. Drink large quantities of water. Never give anything by mouth to an unconscious person. Call your poison control center, hospital emergency room, or physician immediately for instructions.

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SECTION 5. FIRST AID MEASURES
(CONTINUED)

NOTE TO PHYSICIAN

This formula is registered with POISINDEX.
Call your local poison control center for further information.

SECTION 6. FIRE FIGHTING MEASURES

HAZARD RATING SOURCE	HMIS	NFPA
HEALTH	3	3
FLAMMABILITY	0	0
REACTIVITY	2	2
OTHER	H	OX

FLASH METHOD

N/A

FLASH POINT

N/E F N/E C N/A

LOWER EXPLOSION LIMIT

N/E

GENERAL COMMENTS

OSHA FLAMMABILITY: Not Applicable

EXTINGUISHING METHOD

Use carbon dioxide, dry powder, or foam.

FIRE FIGHTING PROCEDURES

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

FIRE AND EXPLOSION HAZARDS

STRONG OXIDIZER. Evaporation or drying of this material on cloth or other combustible surfaces may cause fire. Contact with combustible liquids or vapors may cause fire or explosion, especially if exposed to heat.

SECTION 7. ACCIDENTAL RELEASE MEASURES

CLEAN-UP

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. SMALL SPILLS: take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable. LARGE SPILLS: dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

WASTE DISPOSAL

Dispose in accordance with applicable local, state and federal regulations.

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SECTION 8. HANDLING AND STORAGE
-----**STORAGE**

Strong Oxidizer. Evaporation or drying of this material on cloth or other combustible surfaces may cause fire. Contact with combustible liquids or vapors may cause fire or explosion, especially if exposed to heat. Never return this solution to the original container. Close container after each use. Avoid storage at extreme high or low temperatures. Protect from freezing.

HANDLING

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.

SECTION 9. TRANSPORT INFORMATION
-----**TRANSPORTATION**

For D.O.T. information, contact W.M. Barr Technical Services Department.

SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION
-----**VENTILATION PROTECTION**

Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with 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.

RESPIRATORY PROTECTION

For OSHA controlled workplace and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirators. A dust mask does not provide protection against vapors.

SKIN PROTECTION

Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

EYE PROTECTION

Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

OTHER PROTECTION

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES

VOLATILE %
100.000
by weight

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SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES
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-----**BOILING POINT**

GT 212.00 F 100.00 C BOILING RANGE: 212 F - 220 F

VAPOR DENSITY (Air = 1.0)

Heavier than air

EVAPORATION RATE

Slower than ether

BULK DENSITY9.189
lbs/gal at 75 F**PHOTOCHEMICALLY REACTIVE**

NO

MAX V.O.C.

0 grams per liter (excluding exempt solvents & water)

MAX VAPOR PRESSURE(of the V.O.C.) Omm Hg at 20 degrees C
-----SECTION 12. STABILITY AND REACTIVITY
-----**INCOMPATIBILITIES**

Incompatible with heavy metals, heavy metal salts, organic material and dust, cyanides, hexavalent chromium compounds, nitric acid, potassium permanganate and reducing agents.

DECOMPOSITION

Thermal decomposition may produce oxygen gas.

POLYMERIZATION

Will not occur.

STABILITYStable.
-----SECTION 13. ADDITIONAL INFORMATION
-----**IMPORTANT NOTE**

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.

LEGEND:

PPM = parts per million
MG/M3 = milligrams per cubic meter
N/E or NE = none established
GT = greater than
N/A or NA = not applicable
TCC = tag closed cup
TOC = tag open cup
PMCC = Pensky-Martens closed cup
IDLH = Immediately Dangerous to Life and Health

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SECTION 13. ADDITIONAL INFORMATION
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END OF MSDS