

M A T E R I A L   S A F E T Y   D A T A   S H E E T

LITE-N-UP WOOD BLEACH PART "B"

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PRODUCT NAME: LITE-N-UP WOOD BLEACH PART "B"  
PRODUCT CODE: 802-B

HMIS CODES: H F R P  
3 0 1 H

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SECTION I - MANUFACTURER IDENTIFICATION  
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MANUFACTURER'S NAME: WOOD KOTE PRODUCTS INC.  
ADDRESS : 8000 NE 14TH PLACE  
PORTLAND, OR 97211

EMERGENCY PHONE : (800) 535-5053      DATE PRINTED : 07/09/07  
INFORMATION PHONE : (503) 285-8371      NAME OF PREPARER : C. JENKINS

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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION  
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REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP		WEIGHT PERCENT
SODIUM HYDROXIDE OSHA CEILING LIMIT: 2mg/m3	1310-73-2	N/A	N/A	<5%
SODIUM SILICATE EXPOSURE LIMITS PEL NOT ESTABLISHED TLV NOT ESTABLISHED	1344-09-8	N/A	N/A	<5%
SODIUM TETRABORATE DECAHYDRATE OSHA: PEL 10 MG/M3 ACGIH: TLV 5 MG/M3 CAL OSHA: PEL 5 MG/M3	1303-96-4	NIL	68 F	<5%

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS  
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BOILING RANGE: 214-216 F      SPECIFIC GRAVITY (H2O=1): 1.04  
VAPOR DENSITY: HEAVIER THAN AIR      EVAPORATION RATE: SLOWER THAN ETHER  
COATING V.O.C.: 0 g/l      MATERIAL V.O.C.: 0 g/l  
SOLUBILITY IN WATER: 100%  
APPEARANCE AND ODOR: CLEAR ODORLESS LIQUID.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT: N/A      METHOD USED: N/A  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A      UPPER: N/A

EXTINGUISHING MEDIA: THIS PRODUCT IS NON-COMBUSTABLE. WATER, SPRAY, DRY CHEMICAL, CO2, OR FOAM MAY BE USED IN AREAS WHERE THIS PRODUCT IS STORED.

SPECIAL FIREFIGHTING PROCEDURES  
PROTECTIVE CLOTHING FOR SKIN AND EYE PROTECTION SHOULD BE WORN.

UNUSUAL FIRE AND EXPLOSION HAZARDS  
THIS PRODUCT WILL REACT WITH METALS SUCH AS ALUMINUM, TIN AND ZINC TO PRODUCE FLAMMABLE HYDROGEN GAS.

===== SECTION V - REACTIVITY DATA =====

**STABILITY:** STABLE - AVOID EXPOSURE TO EXCESSIVE HEAT.

**CONDITIONS TO AVOID**

AVOID CONTACT WITH ANY ORGANIC OR METALLIC MATERIALS.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

ACIDS, COMBUSTIBLES, METALS SUCH AS ALUMINUM, TIN GALVALNIZED ZINC, BRASS, BRONZE, AND ORGANIC HALOGENATED COMPOUNDS.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

CARBON MONOXIDE AND HYDROGEN GAS.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

INHALATION OF VAPOR OR MIST MAY CAUSE IRRITATION OR CHEMICAL BURNS TO MUCOUS MEMBRANES AND RESPIRATORY SYSTEM. EXPOSURE TO MIST OR SPRAY MAY CAUSE COUGHING, SNEEZING, OR OTHER SYMPTOMS OF UPPER RESPIRATORY TRACT IRRITATION.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

WILL BURN EYES ON CONTACT. PROLONGED CONTACT MAY RESULT IN PERMANENT INJURY AND BLINDNESS. WILL CAUSE CHEMICAL BURNS TO THE SKIN, ESPECIALLY AT ELEVATED TEMPERATURES. WILL CAUSE IRRITATION, REDNESS, AND POSSIBLY DERMATITIS.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

MAY CAUSE SEVERE CHEMICAL BURNS ESPECIALLY IF THE SOLUTION IS AT AN ELEVATED TEMPERATURE. IF LEFT ON THE SKIN IT WILL PENETRATE TISSUE LAYERS AND CONTINUE TO CAUSE TISSUE DESTRUCTION.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

INGESTION OF THIS MATERIAL MAY RESULT IN SEVERE DAMAGE TO THE GASTROINTESTINAL TRACT, CAUSING BURNS, POSSIBLE HEMORRHAGING, LOSS OF CONSCIOUSNESS, AND POSSIBLY COLLAPSE.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

MAY RESULT IN SERIOUS DESTRUCTION OF SKIN TISSUE OR PRIMARY IRRITANT DERMATITIS. SIMILARLY, INHALATION OF VAPORS OR MIST MAY CAUSE VARYING DEGREES OF DAMAGE TO THE AFFECTED TISSUES AND ALSO INCREASING SUSCEPTIBILITY TO RESPIRATORY ILLNESS. INGESTION MAY RESULT IN SEVERE GASTROINTESTINAL DAMAGE, HEMORRHAGING, LOSS OF CONSCIOUSNESS, AND POSSIBLY COLLAPSE. EYE CONTACT CAN RESULT IN PERMANENT DAMAGE IF NOT TREATED IMMEDIATELY.

**CARCINOGENICITY:** NTP CARCINOGEN: NO    IARC MONOGRAPHS: NO    OSHA REGULATED: NO

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

**EMERGENCY AND FIRST AID PROCEDURES**

EYES: IMMEDIATELY FLUSH EYES WITH A DIRECT STREAM OF WATER FOR AT LEAST 15 MINUTES WHILE FORCIBLY HOLDING EYELIDS APART TO ENSURE COMPLETE IRRIGATION OF ALL EYE AND LID TISSUE. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: FLUSH SKIN THOROUGHLY WITH COOL WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, HAVE TRAINED PERSON ADMINISTER OXYGEN. IF RESPIRATION STOPS, GIVE MOUTH-TO-MOUTH RESUSCITATION, GET PROMPT MEDICAL ATTENTION IF SYMPTOMS DEVELOP. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. IF AVAILABLE, GIVE SEVERAL GLASSES OF MILK. GET MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

CONTAIN SPILL AND PREVENT DISCHARGES TO STREAMS AND SEWERS. REPORT SPILLS, IF REQUIRED, TO APPROPRIATE FEDERAL, STATE, OR LOCAL REGULATORY AGENCIES. FLUSH SPILL WITH WATER. DISPOSE OF IN ACCORDANCE WITH ALL GOVERNMENT REGULATIONS.

**WASTE DISPOSAL METHOD**

CONTACT THE APPROPRIATE FEDERAL, STATE AND LOCAL AUTHORITIES TO ASCERTAIN THE PROPER DISPOSAL METHOD OF THIS MATERIAL. EMPTY CONTAINERS MUST BE THOROUGHLY RINSED WITH WATER.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

STORE IN A COOL DRY PLACE ABOVE 45 DEGREES F AWAY FROM OTHER CHEMICALS OR SOURCES OF CONTAMINATION. ALWAYS WASH HANDS AFTER HANDLING. DO NOT USE THIS PRODUCT AROUND FOODS OR DRINK. AVOID CONTACT WITH ORGANIC MATERIALS. ALWAYS WASH CONTAMINATED CLOTHING AND SHOES BEFORE REUSE.

**OTHER PRECAUTIONS**

KEEP OUT OF REACH OF CHILDREN. DO NOT ADD ANY OTHER PRODUCT TO CONTAINERS OF THIS MATERIAL, AS A STRONG CHEMICAL REACTION MAY OCCUR, RESULTING IN BURSTING OF THE CONTAINER. NEVER RETURN UNUSED BLEACH SOLUTION TO ITS ORIGINAL CONTAINER. RINSE EMPTY CONTAINER THOROUGHLY WITH CLEAN WATER BEFORE DISCARDING. ALL APPLICATION EQUIPMENT MUST BE CLEANED WITH WATER DURING USE TO AVOID CONTAMINATING BLEACH SOLUTION. CLEAN TOOLS AND EQUIPMENT WITH WATER IMMEDIATELY AFTER USE. KEEP FROM FREEZING.

===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION**

AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SEC II) USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORDANCE WITH 29 CFR 1910.134 USE EITHER AN AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS OR AN AIR SUPPLIED SELF CONTAINED BREATHING APPARATUS.

**VENTILATION**

LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MINIMIZING VAPOR EMISSIONS AT THE POINT OF USE.

**PROTECTIVE GLOVES**

CHEMICALLY IMPERMEABLE GLOVES.

**EYE PROTECTION**

CHEMICAL GOGGLES AND A FULL FACE SHIELD.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

USE IMPERMEABLE APRONS AND PROTECTIVE CLOTHING WHENEVER POSSIBLE TO PREVENT SKIN CONTACT. THE USE OF HEAD CAPS WHENEVER POSSIBLE IS STRONGLY RECOMMENDED.

**WORK/HYGIENIC PRACTICES**

WATER SOURCES AND SAFETY SHOWER/EYE WASH SHOULD BE LOCATED CLOSE TO AREA WHERE BLEACH SOLUTION IS HANDLED.

===== SECTION IX - DISCLAIMER =====

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. WOOD KOTE PRODUCTS MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. WOOD KOTE PRODUCTS ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.