

SAFETY DATA SHEET
WOOD KOTE PRODUCTS INC.
www.woodkote.com

Section 1: Product and Company Identification

Product Name: Lite-N-Up Part "B" (Wood Bleach) Product Code: 802B

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Product Use: Intended for professional use only. Wood Bleach component intended to be combined in equal proportions with Lite-N-Up Part "A" (Product Code 801A)

Section 2: Hazards Identification

GHS Ratings:

Skin corrosive	1A	Destruction of dermal tissue: exposure < 3 min. Observation < 1 hour, visible necrosis in at least one animal.
Eye corrosive	1	Serious eye damage: irreversible damage 21 days after exposure. Draize score: Corneal opacity \geq 3, Iritis > 1.5.
Reproductive toxin	1B	Presumed, based on experimental animals.

GHS Hazards

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.

GHS Precautions

P260	Do not breathe mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P391	Collect spillage.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P308+P313	IF exposed or concerned: Get medical advice/attention
P404	Store in a closed container.
P501WK	If spilled, contain spilled material and dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Avoid release to the environment.

Signal Word: Danger



CORROSIVE

Section 3: Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Water	7732-18-5	90.00% - 100.00%
Sodium Hydroxide	1310-73-2	1.00% - 5.00%

Section 4: First Aid Measures

IF INHALED: If breathing is difficult, remove source of exposure or move victim to fresh air and keep at rest in a position comfortable for breathing. If victim is not breathing, call 911 and administer CPR as directed.

IF IN EYES: Rinse eyes cautiously with lukewarm, gently flowing water for 15 minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Take care not to rinse contaminated water into the unaffected eye or onto the face. Get immediate medical attention.

IF ON SKIN: Remove contaminated clothing/shoes. Flush skin with water for at least 15 minutes. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

IF SWALLOWED: If fully conscious, drink as much water as can be tolerated. DO NOT induce vomiting. DO NOT neutralize with acidic juices. Get medical attention immediately.

Note to Physician: Provide general supportive measures and treat symptomatically.

Section 5: Fire Fighting Measures

Flash Point: NDA

LEL: NDA

UEL: NDA

FLAMMABILITY: Product is not flammable and will not burn.

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical, or CO₂.

SPECIFIC HAZARDS: In a fire, dried product can decompose at elevated temperatures and may release toxic fumes/vapors. Exposure to products of decomposition during a fire may be hazardous.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide and unidentified organic compounds may be formed during combustion.

FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and gear when fighting fires involving this material. Although not flammable as supplied, this material is a strong oxidizer and will contribute copious amounts of oxygen during decomposition.

FIRE EQUIPMENT: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NOISH approved, self-contained breathing apparatus

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

SMALL SPILLS: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.

LARGE SPILLS: Dike far ahead of liquid spill for later disposal. Keep material out of storm sewers and ditches which lead to waterways.

Section 7: Handling and Storage

HANDLING: Use caution when combining with Lite-N-Up "A" (Product code 801A). Do not taste or swallow. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from heat, sparks, and flame. Surfaces that are hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone.

STORAGE: Keep in original container tightly closed when not in use and stored away in a cool dark area up to one year.

COMMENTS: Read label before use. KEEP OUT OF REACH OF CHILDREN! Empty containers, retain product residue (liquid and/or vapor). Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition; they may explode and cause injury or death.

Section 8: Exposure Control and Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5	NDA	NDA	NDA
Sodium Hydroxide 1310-73-2	PEL: 2mg/m3	CEILING: 2 mg/m3	NIOSH IDLH: 10 mg/m3

ENGINEERING CONTROLS: Provide explosion-proof general local exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

VENTILATION: Good general ventilation should be used. Ventilation rates should be matched to conditions.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety goggles. Maintain eye wash fountain and quick drench facilities in work areas.

SKIN: Wear protective gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

RESPIRATORY: In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

OTHER USE PRECAUTIONS: May be harmful if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

COMMENTS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

CONTAMINATED GEAR: Take off contaminated clothing and wash it before reuse. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Section 9: Physical and Chemical Properties

<p>Autoignition temperature: N/A</p> <p>Grams: 0.0</p> <p>VOC/Coating/Regulatory</p> <p>Appearance: Clear, Colorless</p> <p>Vapor Pressure: 0 mm Hg 30 C</p> <p>Vapor Density: >1</p> <p>Melting point: N/A</p> <p>Solubility: Complete</p> <p>Flash point: NDA</p>	<p>Decomposition temperature: N/A</p> <p>Viscosity: N/A</p> <p>Odor: Slightly pungent</p> <p>Odor threshold: 3.88</p> <p>PH: >13</p> <p>Freezing point: N/A</p> <p>Boiling range: 100°C</p> <p>Evaporation rate: >1 (n-Butyl Acetate=1)</p>
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Section 10: Stability and Reactivity

Stability:

Under normal conditions:

STABLE

Incompatibilities:

Incompatible with acids, halogenated compounds, aluminum, brass, bronze, copper, lead, tin, and zinc.

Hazardous decomposition:

Contact with certain metals may produce hydrogen gas.

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Component Toxicity

1310-73-2

Sodium Hydroxide

Oral LD50: 300 mg/kg (Rat) Dermal LD50: 500 mg/L (Rabbit)

PRIMARY ROUTES OF ENTRY

Inhalation, skin contact, eye contact, ingestion.

Target Organs: Eyes, lungs, reproductive system, cholinesterase, respiratory system.

Effects of Overexposure

Inhalation	Effects from inhalation of dust or mist vary from mild irritation to serious damage of the upper respiratory tract, depending on severity of exposure. Symptoms may include sneezing, sore throat or runny nose. Severe pneumonitis may occur.
Ingestion	Swallowing may cause severe burns of mouth, throat, and stomach. Severe scarring of tissue and death may result. Symptoms may include bleeding, vomiting, diarrhea, fall in blood pressure. Damage may appear days after exposure.
Skin Contact	Contact with skin can cause irritation or severe burns and scarring with greater exposures.
Eye Contact	Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.
Chronic	Prolonged contact with dilute solutions or dust has a destructive effect upon tissue.

Section 12: Ecological Information

Component Ecotoxicity

Sodium Hydroxide

Fish: 96 hr LC50 Western Mosquitofish: 125 mg/L; 48 hr LC50 Bluegill: 99 mg/L

Invertebrate: 48 hr EC50 Daphnia magna: 34.59 - 47.13 mg/L

Section 13: Disposal Considerations

DISPOSAL: If spilled, contain spilled material and dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Avoid release to the environment.

Section 14: Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Sodium Hydroxide, Solution	UN1824	II	8
IATA	Sodium Hydroxide, Solution	UN1824	II	8
IMDG	Sodium Hydroxide, Solution	UN1824	II	8

Section 15: Regulatory Information

ACGIH (American Conference of Governmental Industrial Hygienists)

TWA (Time-Weighted Average)

OSHA (Occupational Safety and Health Administration)

NIOSH (National Institute for Occupational Safety and Health)

SARA Title III: Section 311/312 Hazards- Acute (immediate) Health Hazard, Chronic (delayed) Health Hazard.

Section 16: Other Information

ABBREVIATIONS USED IN THE SDS:

NDA: No Data Available

N/A: Not Applicable

Hazardous Material Information System (HMIS)

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	H

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

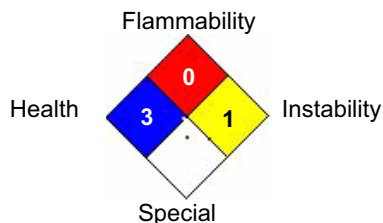
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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