SAFETY DATA SHEET

WOOD KOTE PRODUCTS INC.

www.woodkote.com

Section 1: Product and Company Identification

Product Name: Lite-N-Up Part "A" (Wood Bleach) Product Code: 801A

WOOD KOTE PRODUCTS INC.
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USA

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EMERGENCY CONTACT
INFOTRAC (Transportation): 800-535-5053

Product Use: Intended for professional use only. Wood Bleach component intended to be combined in equal proportions with Lite-N-Up Part "B" (Product Code 802B)

Section 2: Hazards Identification

GHS Ratings:

Oxidizing liquid	2	Oxidizing liquid class 2
Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
Dermal Toxicity	Acute Tox. 4	Dermal>1000+<=2000mg/kg
Skin corrosive	2	Reversible adverse effects in dermal tissue. Draize score: >= 2.3 < 4.0 or persistent inflammation.
Eye corrosive	1	Serious eye damage: irreversible damage 21 days after exposure. Draize score: Corneal opacity >= 3, Iritis > 1.5.
Organ toxin single exposure	3	Transient target organ effects- Narcotic effects- Respiratory tract irritation.
Organ toxin repeated exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance)- Human evidence in exceptional cases.

GHS Hazards

H271	May cause fire or explosion; strong oxidizer.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P220	Keep/Store away from clothing/combustible materials.
P221	Take any precaustion to avoid mixin with combustibles.
P260	Do not breathe mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302+P352	IF ON SKIN: Wash with soap and water
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

P332+P313	If skin irritation occurs: Get medical advice/attention
P370+P378	In case of fire: Use water fog, "alcohol" foam, dry chemical, or CO2.
P403	Store in a well ventilated place.
P405	Store locked up.
P420	Store away from other materials.
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

STRONG OXIDIZER

Section 3: Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Water	7732-18-5	70.00% - 80.00%
Hydrogen Peroxide	7722-84-1	20.00% - 30.00%

Section 4: First Aid Measures

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persist.
IF SWALLOWED: DO NOT INDUCE VOMITING. Do not attempt to give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.
Note to Physician: Provide general supportive measures and treat symptomatically. Keep victim warm. Keep under observation. Symptoms may be delayed.

Section 5: Fire Fighting Measures

Flash Point: NDA
LEL: NDA UEL: NDA

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical, or CO2. Do not use water jet as an extinguisher, as this will spread the fire.
EXPLOSION HAZARDS: May intensify fire. Strong oxidizer! Contact with combustible material may cause fire.
HAZARDOUS COMBUSTION PRODUCTS: Greatly increases the burning rate of combustible materials. Containers may explode when heated. During fire, gases hazardous to health may be formed.
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: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal**.** 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: Stop the flow of the material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Section 7: Handling and Storage

HANDLING: PREVENT/ KEEP FROM FREEZING. 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
Hydrogen Peroxide 7722-84-1	TWA 1 ppm (1.4 mg/m3)	TLV: 1 ppm CEIL: 2 mg/m3	NDA

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

Vapor Pressure: 0 mm Hg 30 C	**Vapor Density:** >1
PH 2.4-3.4	**Freezing point:** -28 °F (-33.3 °C)
Solubility: Complete	**Boiling range:** 244.1 °F (117.84 °C)
Flash point: N/A	**Evaporation rate:** >1 (n-Butyl Acetate=1)
Autoignition temperature: N/A	**Decomposition temperature:** N/A
Grams VOC/Coating/Regulatory 0.0	**Viscosity:** 0.890 cP at 25 °C
Appearance: Clear, Colorless	**Odor:** Slightly Sharp / Pungent

Section 10: Stability and Reactivity

Stability:

Under normal conditions:

STABLE

Incompatibilities:

Strong oxidizers.

Decomposes slowly to release oxygen. Unstable when heated or contaminated with heavy metals, reducing agents, rust, dirt or organic materials. Stability is reduced when pH is above 4.0.

Hazardous decomposition:

Oxygen, hydrogen gas, water, heat, steam.

Hazardous polymerization will not occur.

Section 11: Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 2,934mg/kg

Component Toxicity

7722-84-1 Hydrogen Peroxide

Oral LD50: 1,518 mg/kg (Rat) Dermal LD50: 4,060 mg/kg (Rat)

PRIMARY ROUTES OF ENTRY

Inhalation, skin contact, eye contact, ingestion.

Target Organs: Eyes, lungs, respiratory system.

Effects of Overexposure

Eyes	Contact with liquid is corrosive to the eyes and causes severe burns. Contact with the eyes may cause corneal damage.
Skin	Causes severe skin irritation and possible burns. May cause discoloration, erythema (redness), swelling, and the formation of papules and vesicles (blisters).
Ingestion	Causes gastrointestinal irritation with nausea, vomiting and diarrhea. Causes gastrointestinal tract burns. May cause vascular collapse and damage. May cause damage to the red blood cells. May cause difficulty in swallowing, stomach distension, possible cerebral swelling and death. Ingestion may result in irritation of the esophagus, bleeding of the stomach and ulcer formation.
Inhalation	Causes chemical burns to the respiratory tract. May cause ulceration of nasal tissue, insomnia, nervous tremors with numb extremities, chemical pneumonia, unconsciousness, and death. At high concentrations, respiratory effects may include acute lung damage and delayed pulmonary edema.
Chronic	Prolonged or repeated skin contact may cause dermatitis. Laboratory experiments have resulted in mutagenic effects. Repeated contact may cause corneal damage.

Section 12: Ecological Information

Component Ecotoxicity

Hydrogen Peroxide	Fish: Carp: LC50 = 42 mg/L; 48 Hr; Unspecified Fish: Fathead Minnow: LC50 = 16.4 mg/L; 96 Hr; Fresh water Fish: Fathead Minnow: NOEC = 5 mg/L; 96 Hr; Fresh water Water flea Daphnia: EC50 = 2.4 mg/L; 48 Hr; Fresh water Fish: Channel catfish: LC50 = 37.4 mg/L; 96 Hr; Fresh water

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

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Hydrogen Peroxide, Aqueous Solution Oxidizer, Corrosive	UN2014	II	5.1 (8)
IATA-DGR	Hydrogen Peroxide, Aqueous Solution Oxidizer, Corrosive	UN2014	II	5.1 (8)
IMDG	Hydrogen Peroxide, Aqueous Solution Oxidizer, Corrosive	UN2014	II	5.1 (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)

US Federal regulations:
This product is a "Hazardous Chemical" as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12 (b) Export Notification (40 CFR 302.4):
Not listed.

SARA 304 Emergency release notification:
HYDROGEN PEROXIDE (H2O2) (CAS 7722-84-1) 1000 Lbs.

US. California Proposition 65:
California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Country: **Regulation**

Canada
WHMIS
(Workplace Hazardous Materials Information System)

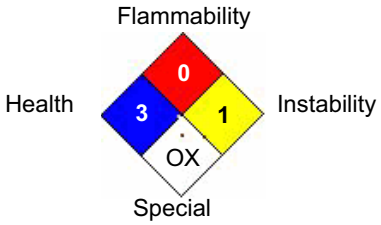
Section 16: Other Information

ABBREVIATIONS USED IN THE SDS:
NDA: No Data Available
N/A: Not Applicable

Hazardous Material Information System (HMIS)

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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