



MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet complies with the Canadian Controlled Products Act

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT IDENTIFIER:	Natural Deck Oil	Retail & Commercial Versions
PRODUCT USE:	To Protect and Enhance Wood Surfaces	
SYNONYMS, OTHER NAMES	This MSDS applies to the Tone Base, Clear, Natural Cedar, Redwood Tones and any custom tone/Tint prepared using the BioWash NTS system by an approved dealer.	
SUPPLIER:	Napier Environmental Technologies Inc. 720 Eaton Way, Delta, British Columbia, Canada, V3M 6J9 Emergency telephone: (800) 663-9274, Telephone: (604) 526-0802, Facsimile: (604) 526-7772	In case of transportation emergency or product spill, contact: In Canada- CANUTEC @ 613-996-6666 (24 hrs.) In the Continental USA- CHEMTREC @ 800-424-9300 (24 hrs.)

SECTION 2 – HAZARDOUS/NON-HAZARDOUS REPORTABLE INGREDIENTS

HAZARDOUS INGREDIENTS	% (W/W)	CAS NUMBER	LD50	LC50	EXPOSURE LIMITS
This product does not contain any ingredients that are controlled in accordance with Sections 13(a) and 14(a) of the Hazardous Product Act.					

LD50 (mixture, calculated)= > 5000 mg/kg (oral, rat) and (dermal, rabbits)

SECTION 3 – PHYSICAL DATA

Physical state: liquid Solubility: soluble Odour and Appearance: colour depends on tint/pigment used; distinct natural oil odour pH @ 20°C: 8.0-9.0 Specific Gravity @ 20°C: 1.014 Odour Threshold (ppm): not established	Vapour Density: not determined Vapour Pressure: not determined Evaporation Rate: not determined Boiling Point (°C): not determined Freezing Point (°C): not determined Coefficient of water/oil distribution: Greater than 1
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SECTION 4 – FIRE AND EXPLOSION DATA

Flammability: No, product is non-flammable.

If yes, under what condition: Not applicable.

Means of Extinction: Dry chemical, alcohol foam, CO₂, water spray. Do not use direct water stream.

Explosion Data-

Sensitivity to impact: None

Sensitivity to static discharge: None

Flash Point (°C) and method: not applicable

Upper Flammable limit (% volume): not applicable

Lower Flammable limit (% volume): not applicable

Autoignition temperature (°C): not applicable

Hazardous combustion products: may form toxic carbon monoxide and dioxides, nitrogen oxide and other toxic organic vapors upon thermal decomposition.

SECTION 5 – REACTIVITY DATA

Chemical Stability: yes, stable under normal storage conditions

If no, under what conditions:

Incompatibility with other substances: yes

If so, under what conditions: strong oxidizers, alkalis and acids

Reactivity, and under what conditions: none known

Hazardous Decomposition Products: Oxides of carbon and nitrogen, other toxic organic vapors may be liberated upon thermal decomposition

SECTION 6 – TOXICOLOGICAL PROPERTIES

Primary route of entry: skin and eye contact, inhalation

Effects of Acute Exposure to Product: Prolonged or repeated product exposure may cause irritation to skin, eyes and respiratory system. Inhalation of mist may cause mild discomfort.

Effects of Chronic Exposure to Product: Prolonged exposure may cause skin irritation or dermatitis.

Exposure Limits: see Section 2 under Hazardous Ingredients

Irritancy of Product: may cause mild to slight skin, eye and respiratory irritation

Sensitization: none known

Reproductive Toxicity: none known

Mutagenicity: none known

Carcinogenicity: none known

Teratogenicity: none known

Synergistic Products: none known

SECTION 7 – PREVENTATIVE MEASURES

Respiratory Protection: Generally not required under normal use. However, if product is sprayed or misted in confined areas, use NIOSH/OSHA approved mist respirator.

Gloves: rubber, chemical resistant

Eye Protection: splash proof safety goggles or glasses

Footwear: rubber, chemical resistant

Clothing: long sleeve

Other:

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SECTION 7 – PREVENTATIVE MEASURES (Cont.)

Engineering Controls: Always use product in a well ventilated area. Local ventilation for spraying or misting in confined areas.

Leak and Spill Procedures: Pick up spilled product with inert absorbent material. Dispose of in accordance with local regulations.

Waste Disposal: Dispose of in accordance with local environmental regulations.

Handling Procedures and Equipment: Use good hygiene practices. Avoid contact with eyes, skin and clothing. Avoid breathing mist. Eye wash should be available in the immediate work area.

Storage Requirements: Store in a cool, dry place away from incompatibles. Do not mix with any other chemicals. Keep container closed when not in use. Keep from freezing and temperatures below 30°C.

Special Shipping Information:

Canadian WHMIS Classification: Not regulated;

USA OSHA (29CFR 1910.1200): Not Regulated

Canadian TDG and USA DOT (49 CFR 172.101): Not Regulated

SECTION 8 – FIRST AID MEASURES

Inhalation: Remove victim to fresh air, apply artificial respiration if necessary. Seek medical help.

Ingestion: Give large amounts of water if conscious. Do not induce vomiting. Get medical help immediately.

Skin Contact: Wash thoroughly with soap and water. If irritation persists, seek medical attention.

Eye Contact: Flush immediately with water for 15-20 minutes. If irritation persists, seek medical attention.

SECTION 9 - OTHER INFORMATION

REVISIONS: March 29, 2006

SUPERCEDES: March 2003

PREPARED BY: Technical Department, Customer service- 800-663-9274, Manufacturing- 604-526-0802

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