MATERIAL SAFETY DATA SHEET
WOLMAN® NATURAL SELECT™ TREATED WOOD AND LUMBER
December 1, 2002

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Wolman® Natural Select™ Treated Wood And Lumber
General Use: Treated Wood Products

MANUFACTURER:

McFarland Cascade
P O Box 1496
Tacoma WA 98401-1496

TELEPHONE NUMBERS:

1-800-841-7809

2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	PERCENT	CAS #	EXPOSURE LIMITS (mg/m³)		
			OSHA-PEL	ACGIH-TLV	ACGIH-STEL
Basic Copper Carbonate	<2	12069-69-1	1.0 (as Cu)	1.0 (as Cu)	
Tebuconazole	<1	107534-96-3			
Wood Dust*			15.0 (softwood)	5.0 (softwood)	
Formaldehyde**		50-00-0	1ppm		2ppm STEL
Ammonia	<1	7664-41-7	35 (50 ppm)	25 ppm	35 ppm

*A state-run OSHA program may have more stringent limits for wood dust and/or PNOR. Please contact your state for further details.
***Only applies to Plywood Products*

3. HAZARDS IDENTIFICATION

Inhalation: Airborne treated or untreated wood dust may cause nose, throat or lung irritation. Various species of untreated wood dust can elicit allergic respiratory response in sensitized persons.
Eye Contact: Treated or untreated wood dust may cause mechanical irritation.
Skin Contact: Handling wood may result in skin exposure to splinters. Prolonged and/or repeated contact with treated or untreated wood dust may result in mild irritation. Various species of untreated wood dust can elicit allergic type skin irritation in sensitized persons.
Ingestion: Not anticipated to occur.
Chronic Wood Dust (treated or untreated) Effects: Wood dust, depending on species, may cause dermatitis on prolonged, repetitive contact; may cause respiratory sensitization and/or irritation.

4. FIRST AID MEASURES

Inhalation: Remove from wood dust exposure. If breathing has stopped administer artificial respiration. Seek medical aid if symptoms persist.
Eye Contact: Gently flush any particles from the eyes with large amounts of water for at least 15 minutes. DO NOT RUB THE EYES. Seek medical aid if irritation persists.
Skin Contact: Rinse wood dust off with water. DO NOT RUB. Once the skin is free of the wood dust, wash thoroughly with soap and water. Seek medical aid if severe irritation develops.
Ingestion: Rinse the victim's mouth out with water. Do not induce vomiting. If symptoms develop, call a physician or poison center at (800) 837-0496 (Outside the US call 1-404-616-9000)

5. FIRE FIGHTING MEASURES

Flash Point	NA	**Lower Explosive Limit**	NA
Auto-ignition	NA	**Upper Explosive Limit**	NA

Extinguishing Agents: Not applicable

5. FIRE FIGHTING MEASURES CONT'D

Fire-Fighting Procedures: Fire from a separate fuel source may be intense enough to cause thermal decomposition releasing toxic fumes and/or gases. Wear complete fire service protective equipment, including full-face NIOSH and NFPA – approved self-containing breathing apparatus.
Fire and Explosion Hazard: High airborne levels of wood dust may burn rapidly in the air when exposed to an ignition source.
NOTE: Although ammonia does not meet the definition of a flammable, concentrated vapors in air between 15 and 28% may be flammable if ignited by an outside ignition source.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Not applicable.
Waste Disposal: See Section 13.

7. HANDLING AND STORAGE

Storage Conditions: Protect from physical damage. Maintain good housekeeping.
Caution: DO NOT BURN TREATED WOOD. Whenever possible, sawing or machining treated or untreated wood should be performed outdoors to avoid accumulations of airborne wood dust. Wash hands thoroughly before eating, drinking, using tobacco products, and/or using restrooms.
NOTE: For plywood products only, provide adequate ventilation to reduce the possible buildup of formaldehyde vapors.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: None normally required. When sawing or cutting treated or untreated wood, wear a NIOSH approved N95 or better dust mask. If ammonia odor is above OSHA PEL levels, then a respirator with ammonia cartridges and a pre-filter will be required.
Eye Protection: Wear safety glasses with side shields or safety goggles when sawing or cutting.
Skin/Foot Protection: Leather or comparable gloves to prevent splinters. Long sleeve shirt, pants and steel toed shoes when handling treated or untreated wood.
Ventilation: Saw, cut or machine wood outdoors or in well ventilated areas. Ventilation should be sufficient to maintain inhalation exposures below OSHA PEL for particulates.
Other Protective Equipment: Wear ear plugs or muffs when using power tools.
NOTE: For plywood products only, if Formaldehyde vapor level exceeds OSHA PEL or STEL, then a NIOSH approved respirator is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Natural	**Specific Gravity (Water =1)**	NA
Odor	None to Slight Ammonia	**Boiling Point**	NA
Solubility in Water	NA	**Vapor Density (Air=1)**	NA
Physical State	Solid	**Vapor Pressure**	NA
pH	NA	**Freezing Point**	NA

10. STABILITY AND REACTIVITY

Conditions contributing to instability: None known.
Incompatibilities: Strong acids, open flame and oxidizers.
Hazardous Reactions/Decomposition/Combustion Products: Combustion products may include smoke, toxic fumes or gases.
Hazardous Polymerization: Does not occur.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity Data: IARC has classified untreated hardwood and hardwood/softwood mix wood dust as a Group I human carcinogen. The wood dust classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with occupational exposures to untreated wood dust. NTP has classified all untreated wood dust as a carcinogen.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Guidance: DO NOT BURN TREATED WOOD. Dispose of in accordance with local, state and federal regulations. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This product is typically not considered a hazardous waste but State run waste programs may be more stringent. Check with your local or state regulators prior to disposal.

14. TRANSPORT INFORMATION

DOT Hazardous Material Classification: This material is not regulated as a hazardous material by the DOT.

15. REGULATORY INFORMATION

OSHA (29 CFR 1910.1200): This product is regulated under the Hazard Communication Standard.
RCRA (40 CFR 261): DO NOT BURN TREATED WOOD. Dispose of in accordance with local, state and federal regulations. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This product is typically not considered a hazardous waste but State run waste programs may be more stringent. Check with your local or state regulators prior to disposal.
California Proposition 65: No

ABBREVIATIONS

OSHA	Occupational Safety and Health Administration
NFPA	National Fire Protection Association
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
SARA	Superfund Authorization and Reauthorization Act
PEL	Permissible Exposure Limit
DOT	Department of Transportation
NTP	National Toxicology Program
CFR	Code of Federal Regulations
CWA	Clean Water Act
CAS	Chemical Abstracts Service
TLV	Threshold Limit Value
STEL	Short-Term Exposure Limit
RCRA	Resource Conservation and Recovery Act
ACGIH	American Conference of Governmental Industrial Hygienists
NIOSH	National Institute of Occupational Safety and Health
TSCA	Toxic Substances Control Act
IARC	International Agency for Research on Cancer
IBC	International Building Code
mg/m3	Milligrams per cubic meter
CAA	Clean Air Act

NOTICE: While the information and recommendations set forth herein are believed to be accurate as of the date hereof this company makes no guarantee or warranty, expressed or implied, as to the accuracy, reliability, or completeness of the information.