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<b>Product Name:</b> DEFY WATER REPELLENT WOOD STAIN®	<b>Date:</b> 06-26-96	
<b>MSDS Number:</b> DF-62	<b>CAS Number:</b> Mixture	<b>Prepared by:</b> Greg Herbert

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

**Principal hazardous component(s) (chemical & common names)**      **p.c.**      **Threshold Limit Value (units)**

2 - Butoxy Ethanol\*

Aqua ammonia\*

\*Percentage content of ingredients withheld as a trade secret pursuant to Massachusetts regulations\*

## SECTION 2 - PHYSICAL & CHEMICAL CHARACTERISTICS

**Appearance and odor:** ----- Mild ammonia odor  
**Boiling point:** ----- Above 212° F  
**Vapor pressure (mm Hg and temperature):**----- NA  
**Vapor density (air = 1):** ----- Heavier than air  
**Evaporation rate:** ----- Slower than ether  
**Solubility in water:** ----- Soluble  
**Water reactive:** ----- NA  
**Specific gravity:** ----- 1.01  
**% volatile by volume:**-----

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

**Flash point and method used:** ----- Does not flash  
**Auto-ignition temperature:** ----- NA  
**Flammability limits in air % by volume:** ----- NA  
**Extinguishing media:** ----- Carbon dioxide, dry chemical, or water.  
**Special fire fighting procedures:** ----- None  
**Unusual fire and explosion hazards:** ----- Not considered a fire hazard when involved  
----- in a fire. Does not contribute any unusual  
hazards.

## SECTION 4 - REACTIVITY HAZARD DATA

**Stability:** ----- Stable  
**Conditions to avoid:** ----- None known to SaverSystems.  
**Incompatibility (materials to avoid):** ----- Acids, bases, and oxidizers  
**Hazardous decomposition products:** ----- Carbon monoxide and carbon dioxide  
**Hazardous polymerization:** ----- Will not occur.  
**Conditions to avoid:**----- NA

## SECTION 5 - HEALTH HAZARD DATA

**Primary routes of entry:**

  X   Inhalation      X   Skin Absorption      X   Ingestion    \_\_\_\_\_ Not Hazardous

**Carcinogen listed in:**

\_\_\_\_\_ NTP    \_\_\_\_\_ IARC Monograph    \_\_\_\_\_ OSHA    \_\_\_\_\_ Not Listed

**Signs and symptoms of exposure:** Severe irritation

**Acute and chronic overexposure:** Eyes: can cause irritation. Skin: can cause irritation - widespread or frequent contact may result in absorption of potentially harmful amounts which have been shown to cause damage to kidneys, liver, and blood in laboratory animals. Swallowing: may result in damage to tissue and internal organs.

**Medical conditions generally aggravated by exposure:** Defatting, drying of skin, dermatitis. Eye or skin irritation.

**Emergency and first aid procedures -** Seek medical assistance for further treatment, observation, and support.

**Eye contact:** Flush with large amounts of water. Get medical attention.

**Skin contact:** Flush with large amounts of water. Get medical attention.

**Inhalation:** Remove to fresh air. Get medical attention.

**Ingestion:** Give two (2) glasses of water, induce vomiting by Ipecac syrup or other means. Get medical attention immediately.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

**Respiratory protection (specify type):** Insure adequate ventilation

**Protective gloves:** Water resistant gloves

**Eye protection:** Chemical splash goggles

**Ventilation:**

**Local exhaust:**

**Mechanical (general):**

**Special:**

**Other protective clothing and equipment:** Wear impervious clothing and boots.

**Hygienic work practices:** Wash thoroughly with soap and water after use.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

**Steps to be taken if material is spilled or released:** Large spills: evacuate area of unprotected personnel. Dike and contain and transfer to salvage vessel. Soak up remaining material with absorbent material. Small spills: soak up spill with absorbent material.

**Waste disposal methods:** In accordance with local, state, and federal regulations.

**Precautions to be taken in handling and storage:** Store cool, dry place. Do not freeze.

**Other precautions and/or special hazards:**

<b>NFPA Rating:</b>	Health <u>  2  </u>	Flammability <u>  0  </u>	Reactivity <u>  0  </u>	Special <u>  0  </u>
<b>HMIS Rating:</b>	Health <u>  2  </u>	Flammability <u>  0  </u>	Reactivity <u>  0  </u>	Special <u>  H  </u>