

Material Safety Data Sheet**Date: October 2001**

SEMCO Teak Products
Serra Engineering And Manufacturing Co., Inc.
P.O. Box 323
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Product information: 800-662-0223
Outside USA : 410-771-4025

1 PRODUCT IDENTIFICATION

Product Name: SEMCO Teak Cleaner
Product Use: Water based wood cleaner
Appearance: Clear water like liquid, soap like odor

2 HAZARDOUS INGREDIENTS

Sodium Hydroxide
CAS # 1310-73-2
Percent by weight: + or - 4%

Phosphoric Acid
CAS # 7664-38-2
Percent by weight: + or - 2%

Other non hazardous ingredients
CAS # None
Percent by Weight: + or - 90%

Proprietary Ingredients
CAS # None
Percent by weight: + or - 5%

3 HAZARDS IDENTIFICATION

Eye: Contact with liquid may cause eye irritation. May be extremely irritating to eyes and mucus membranes.

Skin: Repeated or prolonged contact with the skin can result in irritation of the skin which may result in dermatitis.

Inhalation: Avoid breathing vapors or mists. Irritating if inhaled. May cause irritation to nose, throat and respiratory tract.

Ingestion: May cause vomiting or diarrhea.

Individuals who are pregnant or with pre-existing disease in or a history of ailments involving the skin, eye, respiratory tract, liver, kidney, central nervous system are at greater than normal risk of developing adverse effect when exposed to this material.

4 FIRST AID MEASURES

Eye contact: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.

Skin contact: Remove contaminated clothing. Wash affected areas immediately with soap and water. If irritation persists, get medical attention.

Ingestion: If swallowed induce vomiting. Promptly drink a large quantity of milk, egg whites or gelatin solution; if these are not available drink large quantities of water. Contact medical professionals immediately. Never give anything by mouth to an unconscious person.

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. Restore and support continued breathing.

5 FIRE FIGHTING MEASURES

Flash Point: None

Autoignition Temperature: Not determined

Flammable Limits: Non Flammable

Extinguishing Media: Water

Fire Fighting Procedures: As in any fire, wear complete fire service protective equipment, including full-face approved or equivalent self contained breathing apparatus. Use water to cool fire exposed containers / structure / protect personnel.

Fire and Explosion Hazards: Containers may burst if exposed to extreme heat.

6 SPILL AND LEAK PROCEDURES

Small Spill: Absorb spill with inert material (eg: sand or earth) , then rinse with large amounts of water.

Large Spill: Dike and contain spilled liquid with sand or earth. Pump to storage or salvage vessel. Prevent run off to sewers, streams or other bodies of water. Rinse with large amounts of water. If run off occurs, notify proper authorities that a spill has occurred.

7 HANDLING AND STORAGE

Handling: Avoid prolonged or repeated breathing of vapors, mists or fumes. Avoid prolonged or repeated contact with skin or eyes. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

Storage: Store in areas/buildings designed to comply with applicable regulations. Keep in a closed labeled container within a cool, dry ventilated area. Protect from physical damage. Keep containers closed when not in use.

Other: Showering and clothing change recommended at the end of each shift. Keep containers from excessive heat and freezing. Do not store at temperatures above 120°F. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposures below limits.

Respirators: Use an approved respirator if using in a confined area. Consult your safety equipment supplier and relevant regulations for respirator requirements.

Personal Protective Equipment: Industrial safety glasses, minimum. As necessary for work area conditions: Use side shields, goggles or faceshield. As required, chemical resistant flexible type gloves. Wear industrial type work clothing, depending on working conditions ie: contact potential wear impervious protective garments such as head and neck cover, gloves, apron, jackets, pants, coveralls, boots, etc.. Wash contaminated clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

Weight per gallon: 7.93 lbs, 3.60 kg
Vapor Pressure: NA
PH: Part 1, 8 Part 2, 4
Specific Gravity: < 1
VOC Content: NA

Vapor Density: (air=1) NA
Boiling Point: 212 F
Evaporation Rate: 1
Solubility in water: Complete

10 STABILITY AND REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: None
Incompatibility: None
Hazardous Decomposition products: None

11 TOXICOLOGICAL INFORMATION

Toxic by ingestion, inhalation and skin absorption.

12 ECOLOGICAL INFORMATION

Product not tested for ecotoxicity.

13 DISPOSAL CONSIDERATIONS

Dispose of according to federal, state and local regulations. Discarded material should be diluted with large quantities of water at a permitted facility. Do not reuse empty container. Liquids cannot be discarded in a landfill.

14 TRANSPORTATION INFORMATION

Not hazardous for shipping as threshold for reportable quantities is not reached in available packaging.

UN classification: Non hazardous material
NSFTA, HS Tariff # 3208, Preference criterion A

15 REGULATORY INFORMATION

Always check on and adhere to local regulations for materials of this type. Users should familiarize themselves with local governing regulations. Use only according to directions. Keep away from children or any sensitive groups.

16 OTHER INFORMATION

Designed for use on teak and other similar wood as a preservative or cleaner. Read and follow label directions and precautions when using. Contact the manufacturer with questions on usage.

Notice: While the information and recommendations set forth herein are believed to be accurate as of the date hereof, SEMCO and Serra Engineering and Manufacturing Co., Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.

Prepared by SEMCO and Serra Engineering and Manufacturing Co., Inc., October 31, 2001