

Semco Teak Products



Material safety data sheet: TEAK CLEANER

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product form:	Mixture
Trade Name:	Semco Teak Products
Product Code:	Not Applicable
Product Group:	Trade product

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Intended for use by the general public

Main use category: Professional use, Consumer use

Use of the substance/mixture: Teak cleaning product

1.2.2 Uses advised against

Not Applicable

1.3 Details of the supplier of the safety data sheet

Semco Teak Products

Serra Engineering and Manufacturing Co. Inc

PO Box 323

Phoenix, Maryland 21131 USA

T: 410-771-4025 (outside USA)

1.4 Emergency Telephone Number

T:+1-800-622-00223

Section 2 Hazard Identification

2.1 Classification of the substance or mixture

Corrosive to metal category 1 H290

Skin corrosive Category 1 H314

Adverse physicochemical, human health and environmental effects

2.2 Label Elements

Hazard pictograms (CLP):



Signal word (CLP): Danger

Hazardous ingredients: Sodium Hydroxide, Phosphoric acid

Hazard statements (CLP) :
H290- Maybe corrosive to metals
H314- Causes severe skin burns and eye damage.

Precautionary statements (CLP) :
P260 - Do not breathe dust/fume /gas/mist/vapour/spray
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P303+P361+P353- if ON SKIN (or Hair) take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340+P310 – If INHALED: remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTRE or Medical attention.
P305+P351+P338 – If IN EYES: Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements None

2.3 Other Hazards

No additional information available

Section 3 Composition/information on ingredients

3.1 Substance

Not applicable

3.2 Mixture

Name	Product identifier	%	Classification according to Regulation (EC)
Water	Not Applicable	85-95	Not Applicable
Sodium Hydroxide	(CAS No) 1310-73-2 (EINECS/ELINCS) 215-185-5	7.5-0	Skin corrosion 1B H314 Skin Irritation H315 Eye Irritation H319 STOT SE3 H335
Phosphoric Acid	(CAS No) 7664-38-2 (EINECS/ELINCS) 231-633-2	7.5-0	Skin corrosion 1B H314

3.3 Other Information

The concentration of Sodium hydroxide and Phosphoric acid are below the threshold of making this mixture hazardous.

Section 4 First Aid Measures

4.1 Description of first aid measures

If Inhaled: move person to fresh air and allow them to rest. If not breathing, give artificial respiration

In case of skin contact: Remove contaminated clothing. Wash off with soap and plenty of water. If irritation persists see medical attention

In case of eye contact: Flush eyes with water for 20 minutes, seek medical attention

If ingested: drink large quantity of water. Do NOT induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries: See Section 2.2

Symptoms/injuries after skin contact: See Section 2.2

Symptoms/injuries after ingestion: See Section 2.2

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

Section 5 Firefighting measures

5.1 Extinguisher media

Suitable extinguisher media:

Dry Powder, Carbon dioxide or Sand

5.2 Special Hazards arising from the substance or mixture

Fire Hazard Closed containers may explode if exposed to extreme heat

Hazardous decomposition products in case

of fire Not Applicable

5.3 Advice for firefighters

Firefighting instructions Use water spray or fog for cooling any exposed containers. Exercise caution when fighting any chemical fire.

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

5.4 Further information

Not Applicable

Section 6 Accidental Release measures

6.1 Personal precautions, protective equipment and emergency procedures

Non-Emergency responders

Protective equipment: See Headings 7 and 8.

Emergency procedures: Evacuate unnecessary personnel.

Emergency responders

Protective equipment: Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures: Ventilate area.

6.2 Environmental Precautions

Discharge into drains to be avoided. Prevent further leaks or spillage

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up:

Other information:

6.4 Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

Section 7 Handling and Storage

7.1 Precautions for safe handling

Additional hazards when processed: Not Applicable

Precautions for safe handling: wear gloves and eye protection

Hygiene measures: Wear gloves when handling

7.2 Conditions for safe storage, including and incompatibilities

Storage conditions: Store in a cool, well ventilated place with container lid kept tightly sealed and upright.

Incompatible products: No Information available

Incompatible material: Oxidisers, Strong Acids and Bases

Storage area: Cool, Well ventilated place

7.3 Specific end use(s)

No Information

Section 8 Exposure Controls/personal Protection

8.1 Control Parameters

Component	Value form of exposure	Control parameters	Basis
Sodium Hydroxide	STEL	2mg/m ³	EH40 WEL

Component	Value form of exposure	Control parameters	Basis
Phosphoric Acid	STEL	2mg/m ³	EU ELV
	TWA	1mg/m ³	EU ELV
	STEL	2mg/m ³	EH40 WEL
	TWA	1mg/m ³	EH40 WEL

8.2 Exposure Controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

In case of repeated or prolonged contact wear gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear appropriate mask

Environmental exposure controls:

Avoid release to the environment.

Other information: Not applicable

Section 9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Colour	Red and Green
Odour	No Data Available
Odour Threshold	No Data Available
pH	No Data Available
Melting point	No Data Available
Boiling point	100°C

Flash Point	None
Evaporation rate	No Data Available
Flammability	No Data Available
Vapour Pressure	Negligible
Vapour density	Negligible
Relative density	1
Water solubility	Completely
Auto ignition temperature	No Data Available
VOC content	No Data Available
Explosive properties	No Data Available
Oxidising properties	No Data Available

9.2 Other information

No Data Available

Section 10 Stability and reactivity

10.1 Reactivity

Not established.

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Not established.

10.4 Conditions to avoid

Avoid contact with hot surfaces. No flames, no sparks. Eliminate all sources of ignition.

10.5 Incompatible materials

Oxidizing agent and strong caustics (acids/bases)

10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide

Section 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitivity:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified

Reproductive toxicity:	Not classified
Specific target organ toxicity (single exposure):	Not classified
Specific target organ toxicity (repeated exposure):	Not classified
Aspiration Hazard:	Not classified
Potential adverse human health effects and symptoms:	Based on available data, the classification criteria are not met

Section 12 Ecological information

12.1 Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Phosphoric Acid	Rat	LD ⁵⁰	Oral	2600mg/kg
	Rabbit	LD ⁵⁰	Dermal	2740mg/kg
	Gambusia affinis	LC ⁵⁰	exposure 96h	138mg/l
	Lepomis macrochirus	LC ⁵⁰	exposure 96h	3-3.25mg/l
	Daphnia Magna	EC ⁵⁰	exposure 48h	>100mg/l
Sodium Hydroxide	Rabbit	LD ⁵⁰	Dermal	1350mg/kg
	Freshwater Fish	LC ⁵⁰	exposure 96h	45.4mg/l

12.2 Persistence and degradability

Not established.

12.3 Bioaccumulative potential

Not established.

12.4 Mobility in soil

Not established.

12.5 Results of PBT and vPvB assessment

Not established.

12.6 Other adverse effects

Addition information: Avoid release into the environment

Section 13 Disposal Considerations

13.1 Waste treatment methods

Regional legislation (waste):	Disposal must be done according to official regulations.
Waste treatment methods:	Dispose of this material and its container at hazardous or special waste collection point.
Sewage disposal recommendations:	Not applicable as there is no release to wastewater.
Waste disposal recommendations:	Dispose in a safe manner in accordance with local/national regulations.

Additional information :

Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials:

Avoid release to the environment.

Section 14 Transport information

14.1 UN number: Not Applicable

14.2 UN proper shipping name: Not Applicable

14.3 Transport hazard class(es): Not Applicable

14.4 Packing group: Not Applicable

14.5 Environmental hazards: Not Applicable

14.6 Special precautions for user: Not Applicable

Section 15 Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific of the substance or mixture

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.2 Chemical safety assessment

No chemical safety assessment has been carried out

Section 16 Other Information

The Concentrations of the main ingredients, are below that of which is classed as hazardous. However, it must still be handled with care as can cause irritation or minor burns if handled or used incorrectly.