

Date Prepared: 11/07/2024

## Simple Sailor Marine - Teak Cleaner Step 1

### Statement of SDS Purpose

We at Simple Sailor Marine understand material safety data sheets (MSDS) and how important they are for transparency to seafarers both professional and amateur alike. We proudly disclose all chemicals pre- and post-mixture in our SDS sheets so you can see what makes a good product. Send us questions if you have any concerns or are just curious. As such, we do not worry about 'Trade Secret' disclosure like our competitors. The chemicals listed in any **MSDS Section 3**. are not to be interpreted for 'Chemistry or Toxicology' guides as this leads to misinterpretation of ecological impact based on a pure neat single chemical. To better understand the environmental and in-use calculations, see **MSDS sections 12, 14 & 15** of post-dilution ratios. Pure H2O for example could be misunderstood as an acute aquatic toxin if introduced into a Salt Water ecology environment in large enough quantities known as 'LC50 levels'.

In Simple Sailors' terms, Safety data sheets are legally mandated documents required by all chemical cleaning manufacturers. They contain the pre-mix warnings for each chemical used in production for 'SAFETY DATA'. If you see NO #CAS numbers, a proprietary trade secret with no CAS Number, or a one-ingredient safety data sheet, there is usually an attempt to hide and 'greenwash' known toxic chemicals.

Our formulas are either the cleanest, most concentrated most readily ocean-degradable cleaners for direct waterway release in the calculated safe rinse proportions or designed to not be rinsed into the waterways making them eco-friendly by marine design standards. We do not hide chemical disclosure, state 'proprietary trade secrets' or omit information. That's our promise and it is far from Simple to keep :)

### **Section 1. Identification**

**Manufacturer:**

Withheld (Identifier, Florida Laboratory)

**Distributor:**

Aphros Marine LLC

Jupiter, Florida, Tel: (1) 561 963 0959

In an Emergency contact Chemtrec:

**1-800-424-9300**

Company Name: The Lab Zone

Product Name: **Simple Sailor Teak Cleaner Step 1 Powder Sachet**

**Product intended use: Raises the PH of Teak wood and flushes organic as well as organic decay from subsurface without removing excessive teak oil compounds.**

## **Section 2. Hazard(s) Identification**

### **2.1 Classification of the substance or mixture**

#### **GHS Classification:**

- **Skin Irritation (Category 2)**

### **2.2 Label Elements**

#### **Pictogram:**



#### **Signal Word: Danger**

#### **Hazard Statements:**

- **H318:** Causes serious eye damage.

#### **Precautionary Statements:**

#### **Prevention:**

- **P264:** Wash hands thoroughly after handling.
- **P280:** Wear protective gloves/protective clothing/eye protection/face protection.

#### **Response:**

- **P302 + P352:** IF ON SKIN: Wash with plenty of soap and water.
- **P332 + P313:** If skin irritation occurs: Get medical advice/attention.
- **P305 + P351 + P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P310:** Immediately call a POISON CENTER or doctor/physician.

#### **Storage:**

- **P405:** Store locked up.

#### **Disposal:**

- **P501:** Dispose of contents/container in accordance with local/regional/national/international regulations.

## **Section 3. Composition/Information on Ingredients**

Component Name	CAS Number	Percentage
Sodium Trioxocarbonate	497-19-8	40%
Sodium Carbonate Peroxyhydrate	15630-89-4	35%
Saleratus	144-55-8	20%
Sea Salt	7647-14-5	3%
Lathanol (LAL) (LSA)	1847-58-1	<2%

## **Section 4. First Aid Information**

**Ingestion First Aid:** Rinse mouth. Consult a physician.

**Inhalation First Aid:** Remove to Fresh air as needed.

**Eye First Aid:** First rinse eyes with plenty of water, remove contact lenses if easily possible. Rinse for 15 minutes. Seek medical attention if irritation persists.

**Skin First Aid:** Rinse off skin. Seek medical attention if irritation begins/persists.

## **Section 5. Fire Fighting Measures**

**Flash Point:** N/A

**Autoignition Temperature:** N/A

**Flammability Limits in Air:** Not determined

**Extinguishing Media:** Not determined

**Fire Fighting Procedure:** Wear self-contained breathing apparatus for firefighting if necessary.

**Further information:** no data available

## **Section 6. Accidental Release Measures**

### **Personal precautions, protective equipment, and emergency procedures**

Avoid over exposure to skin as chemicals may cause skin irritation or dryness with prolonged exposure.

### **Environmental precautions**

Chemicals are to be diluted to levels with no anticipated negative impacts for products expected use.

Avoid spills of concentrate product into water ways.

### **Methods and materials for containment and cleaning up**

Wipe up or absorb spill using inert absorbent and place in a suitable waste container for disposal.

## **Section 7: Handling and Storage**

### **Precautions for safe handling.**

Avoid contact with skin and eyes.

Wash thoroughly after handling.

### **Conditions for safe storage, including any incompatibilities.**

Store in well ventilated area.

Keep container tightly closed.

## **Section 8: Exposure Controls and Personal Protection**

### **Components with workplace control parameters**

Contains no substances with occupational exposure limit values or no available data exists.

### **Personal protective equipment**

Safety glasses are always recommended to reduce eye irritation exposure.

### **Hand protection**

Hand protection is always recommended to reduce skin irritation exposure.

### **Other information**

Not available

## **Section 9: Physical and Chemical Properties:**

Physical Form:	POWDER/ AMORPHEUS	Viscosity:	Not Determined
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Color:	WHITE	Melting Point:	Not determined
Odor:	NONE	Boiling Point:	Not determined
Specific Gravity @ 25C:	1 to 1.1	Flash Point:	Over 200 Degrees Fahrenheit
Solubility in Water:	Soluble	Vapor Pressure @ 25° C	Not determined
		pH:	~9.5 to 10.5

## **Section 10: Stability and Reactivity**

**Chemical Stability:** Stable

**Hazardous Polymerization:** Will not polymerize

**Conditions to Avoid:** None known

**Materials to Avoid:** Strong oxidizing agents, strong acids, strong bases.

## **Section 11: Toxicological Information**

**Information on toxicological effects**

**Acute toxicity:**

**Primary irritant effect:**

**on the skin:** Mild skin irritant.

**on the eye:** Causes eye irritation.

**Sensitization:** No sensitizing effects known.

**Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

**Carcinogenic categories**

**IARC (International Agency for Research on Cancer)**

None of the ingredients is listed or concentrations are below OSHA limits

**NTP (National Toxicology Program)**

None of the ingredients is listed or concentrations are below OSHA limits

**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed or concentrations are below OSHA limits

## **Section 12: Ecological Information**

**Aquatic toxicity:** This mixture has an estimated LC50 (Fish, 96h) of 892.78 mg/L calculated, it is not classified as acutely toxic to aquatic life according to GHS criteria. **After dilution LC50 > 40,000**

**Persistence and degradability** No further relevant information available.

**Behavior in environmental systems:** No further relevant information available.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:** At present there are no ecotoxicological assessments.

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

### **Section 13: Disposal Considerations**

Landfill and/or incinerate where permitted in compliance with all applicable Federal, State and local government regulations.

### **Section 14: Transportation Information**

**DOT (Department of Transportation):**

Not regulated as a dangerous good

**IATA (International Air Transport Association):**

Not regulated as a dangerous good

**IMDG (International Maritime Dangerous Goods):**

Not regulated as a dangerous good

### **Section 15: Regulatory Information**

**WHMIS Classification:** N/A

**EPCRA - Emergency Planning and Community Right-to-Know Act**

**CERCLA Reportable Quantity**

N/A

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

N/A

**SARA 311/312 Hazards :**

Skin corrosion or irritation

Serious eye damage or eye irritation

**SARA 302 :** N/A

**SARA 313 :** N/A

reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61) or concentrates fall under limits.

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F) or concentrates fall under limits.

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489) or concentrates fall under limits.

**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A or concentrates fall under limits.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3 or concentrates fall under limits.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307 or concentrates fall under limits.

**Right To Know:** See section 3

1. Laurylamine oxide (CAS# 70592-80-2)
2. Isopropanolamine dodecylbenzenesulfonate (CAS# 42504-46-1)
3. Isopropylidene glycol (CAS# 100-79-8)
4. 2-Amino-2-methyl-1-propanol (CAS# 124-68-5)

**California Prop 65:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm or concentrates fall under limits. **The components of this product are reported in the following inventories:**

**TSCA:** On TSCA Inventory

**DSL:** All components of this product are on the Canadian DSL

**AICS:** On the inventory, or in compliance with the inventory

**NZIoC :** Not in compliance with the inventory

**ENCS:** On the inventory, or in compliance with the inventory

**KECI:** On the inventory, or in compliance with the inventory

**PICCS:** On the inventory, or in compliance with the inventory

**IECSC:** On the inventory, or in compliance with the inventory

### **Section 16: Other Information**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. Any material supplied is the sole responsibility of the user. All materials may present unknown health hazards and we cannot guarantee that the hazards listed herein are the only hazards that exist.