1. Identification

Product Name:	**ECO-100 Teak Cleaner Powder**
Synonyms:	N/A
CAS Number:	Mixture
Product Use:	Marine Deck Cleaning
Manufacturer/Supplier:	Teakdecking Systems, Inc.
Address:	7061 15th Street East Sarasota, Florida 34243 USA
Business Phone:	+1 941 756-0600
Emergency Phone:	+1 941 756-0600

2. Hazards Identification

GHS Classification:
Serious Eye Irritant – Category 2
Skin Irritant - Category 2
Serious Eye damage (Category 2A)

GHS Label:



Warning

GHS Hazard Statements:
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H302: Harmful if swallowed.

GHS Precautionary Statements:
P280 Wear protective gloves, protective clothing, and eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: get medical advice.
P337+P313 If eye irritation persists get medical advice.
P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

3. Composition / Information on Ingredients

Component	*CAS Number*	*Weight %*
Sodium Carbonate	*497-19-8*	*55%*
Sodium Carbonate, Peroxyhydrate	*15630-89-4*	40%
Sodium Bicarbonate	*144-55-8*	5%

4. First Aid Measures

Eye: Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing.
Skin: Flush skin thoroughly with water. If burning or redness continues, seek medical attention.
Inhalation: Move to fresh air and administer oxygen if breathing is difficult. Seek immediate medical attention.
Ingestion: HARMFUL IF SWALLOWED. Drink plenty of water. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Suitable Extinguishing Media: In case of fire: Use dry chemical, alcohol foam, carbon dioxide or water spray to extinguish.
Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.
Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Do not allow water to enter container, will result in a violent reaction. This is a powerful oxidizing agent, it may ignite oxidizable material.

6: Accidental Release Measures

Small Spills: Sweep up and place in approved container for disposal. Flush area with water.
Large Spills: Sweep up and place in approved container for disposal. Flush area with water.

7. Handling and Storage

Handling: Keep container closed. Do not get in eyes, on skin, or on clothing. Use good personal hygiene practices. Wash hands before eating, drinking, or smoking. Avoid breathing dust.
Storage: Store in tightly closed containers in cool, dry, well-ventilated area. **WARNING:** Pressure burst may occur due to decomposition in confined spaces/containers. Wet product decomposes exothermally and may cause combustion of organic materials.

© TEAKDECKING SYSTEMS, INC.

8. Exposure Controls / Personal Protection

Exposure Limits: Not Established
Engineering Controls: Good ventilation
Personal Protective Equipment (PPE)
Eye Protection: Wear chemical safety glasses.
Skin Protection: Avoid skin contact. Wear gloves impervious to conditions of use.
Respiratory Protection: None required under normal conditions. Dust mask recommended when handling large quantities of dry powders.
Work and Hygienic Practices: Provide readily accessible eye wash stations and safety showers. Wash at the end of each work shift and before eating, smoking, or using the toilet.

9. Physical and Chemical Properties

Appearance:	White, crystalline powder
Odor:	N/A
pH:	Alkaline
Melting Point:	No Data
Boiling Point:	No Data
Flashpoint:	No Data
Autoignition Temperature:	No Data
Lower Flammability Limit:	Non-flammable
Upper Flammability Limit:	Non-flammable
Vapor Pressure:	N/A
Vapor Density (Air=1):	No Data
Specific Gravity:	1.06
% Solubility in Water:	Complete
Pour Point:	N/A
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Viscosity:	No Data

10. Stability and Reactivity

Chemical Stability: Stable under normal conditions. Product will evolve oxygen upon contact with water.
Incompatibility (Materials/Conditions to Avoid): High temperatures, high humidity levels, reducing agents, heavy metal salts, and flammable substances.
Hazardous Decomposition Products (from burning, heating, or reaction with other materials): Oxygen evolves from contaminated material which can support combustion.
Hazardous Polymerization: Will not occur.
Conditions to Avoid (if polymerization may occur): N/A

11. Toxicological Information

Routes of Exposure:
Eye Contact
Skin Contact
Signs and Symptoms of Exposure (Acute Effects): Possibly a severe eye irritant if not treated promptly. Possible corneal damage from extended exposure. Skin irritation, burning, and redness from prolonged or repeated contact. If ingested, may cause pain, vomiting, and irritation to the mouth and throat. Harmful if swallowed. Dust may cause irritation to the upper respiratory tract.
Signs and Symptoms of Exposure (Possible Long Term Effects): Skin irritation and dryness. Possible corneal damage from eye exposure.
Medical Conditions Generally Aggravated By Exposure
Sensitive skin
Carcinogens under OSHA, ACGIH, NTP, IARC, Other: This product contains no carcinogens in concentrations of 0.1 percent or greater.
Target Organ Effects: N/A
Chronic Effects: N/A

12. Ecological Information

Ecotoxicity:	No Data
Environmental Fate:	No Data
Additional Information:	

MARPOL STATEMENT
Teakdecking Systems' ECO-100 Teak Cleaner Powder complies with the requirements of Marpol Annex III and Annex V. ECO-100 is also recognized by the United States EPA in the "Safer Choice Program".

© TEAKDECKING SYSTEMS, INC.

13. Disposal Considerations

Comply with all federal, state, and local regulations.

14. Transport Information

DOT Non-Bulk Shipping Name: Not Regulated
IMO Shipping Data: Refer To Bill of Lading
ICAO/IATA Shipping Data: Not Regulated

15. Regulatory Information

U.S. Federal Regulations

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory.
OSHA Hazard Communication Standard (29CFR1910.1200) Hazard Class(es): None
SARA Section 311/312 (40 CFR 370) Hazard Categories: None

European Inventory of Existing Chemicals (EINECS): All of the components of this product are included on EINECS.

16. Other Information

National Fire Protection Association (NFPA) Ratings:

Health: 1
Flammability: 0
Reactivity: 1

This information is intended solely for the use of individuals trained in the NFPA system.

Disclaimer: The information contained herein is accurate to the best of our knowledge. My company makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.

 © TEAKDECKING SYSTEMS, INC.