

SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Manufacturer:		
Company:	Sudbury Boat Care	Emergency Contact Information
Street Address:	65 Walnut Street	Call CHEMTREC 800-424-9300
City / State / Zip:	Peabody, MA 01960	
Phone:	(978) 532-4019	
Product Name:	Crystal Deck Cleaner	
Synonyms:		
Part Number(s):	TTT-TC2000; TTT-TC2001	
Recommended use:	Marine teak cleaner	
Restrictions on use:	Use only as recommended	

SECTION 2 – HAZARD(S) IDENTIFICATION

This material is considered hazardous per the US OSHA Hazard Communication Standard (29CFR1910.1200).

Hazard Classification: Skin corrosion/irritation, Category 2
 Serious eye damage/eye irritation, Category 2A
 Specific Target Organ Toxicity - Single Exposure, Category 3
 (Respiratory tract irritation)

Signal Word: Warning

Hazard Statements: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Hazard Symbols:



PREVENTION

Wash hands and exposed skin thoroughly after handling.
 Wear eye and face protection and protective gloves. Avoid breathing dusts. Use only outdoors or in a well-ventilated area.

RESPONSE

Take off contaminated clothing and wash it before reuse.

If on skin: Wash with soap and plenty of water. **If skin irritation occurs:** Get medical attention.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **If eye irritation persists:** Get medical attention.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

STORAGE

Store locked up.

DISPOSAL

Contact local municipal, state and/or federal agencies to determine appropriate disposal options for the product. Dispose of this container with a registered reconditioner or as otherwise appropriate.

Hazards Not Otherwise Classified: None.

General Advice:

Practice good general industrial hygiene. When mixed with water, this product creates a highly alkaline solution that presents hazards common to splashing liquids. Wear PPE and handle with caution.

SAFETY DATA SHEET

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Nature of product: Mixture

Ingredient Name	CAS Number	%	Type	GHS Classification
Phosphoric acid, sodium salt (1:3)	7601-54-9	80-100	A	Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category 2 Specific target organ toxicity – single exposure, Category 3 (Respiratory tract irritation)
Ethanol, 2-butoxy-	111-76-2	1-5	A	Acute toxicity – Oral, Category 4 Serious eye damage/eye irritation, Category 2A Specific target organ toxicity - single exposure, Category 3 (Narcotic effects) Flammable liquids, Category 4
Silicic acid (H ₂ SiO ₃), sodium salt (1:2)	6834-92-0	1-5	A	Acute toxicity – Oral, Category 4 Skin corrosion/irritation, Category 1B Serious eye damage/eye irritation, Category 1 Specific target organ toxicity – single exposure, Category 3 (Respiratory irritation) Corrosive to metals, Category 1

Type: [A] Constituent [B] Surplus Original Reactant [C] Side Product [D] Degradation Product [E] Impurity

If Chemical Name & CAS # is "proprietary" &/ Weight-% is listed as a range: the specific chemical identity and/or percentage of composition has been withheld as a trade secret or percentage of composition is due to batch variation.

There are no additional ingredients present which, to the best knowledge of the manufacturer, are classified and contribute to the classification of the substance and therefore require reporting.

SECTION 4 – FIRST-AID MEASURES

General Advice: Provide this SDS to any medical personnel responding to a call for help.

Eye contact: Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. Get medical attention.

Skin contact: Wash off immediately with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.

Inhalation: Remove patient to fresh air. If breathing is difficult, keep patient at rest, in a position comfortable for breathing. Blow nose to evacuate dust. When administering rescue breathing, rescuer must take precautions against exposure.

Ingestion: Do NOT induce vomiting. Rinse mouth. Give a conscious patient water to drink. Never give anything by mouth to an unconscious patient. If the patient continues to feel unwell, get medical attention.

Most Important Symptoms, Acute & Delayed: Irritation of the affected area.

Indication of immediate medical attention or special treatment: Eye exposure.

Note to Physician: Treat symptomatically.

SAFETY DATA SHEET

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water mist, water fog, foam, carbon dioxide, dry chemical powder, sand.

Unsuitable Extinguishing Media: High-pressure water jet.

Specific hazards: This material is practically non-combustible. Use extinguishing media suitable for surrounding fire. Material is a powder and may be spread by high-pressure water jets or water spray. Fire-fighting water will dissolve this product to yield a highly alkaline solution. Do not allow run-off from firefighting to enter drains or water courses.

Special precautions for fire-fighters: Do not breathe fumes. Use water to cool surrounding containers. Do not produce clouds of dust; consider the use of water mist to keep dust down against the creation of a highly alkaline solution when this product dissolves in the water. Wear SCBA if fighting fire close-in.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, & emergency procedures: Ensure adequate ventilation. Exclude unnecessary personnel. Eliminate all ignition sources. Prevent discharge to the ground, sewers, drains, or waterways. Wear Personal Protective Equipment (PPE) appropriate to clean-up.

Methods and materials for containment and clean-up: Prevent entry into waterways, sewer, basements, or confined areas. Prevent further leakage / spillage if safe to do so. Sweep up spilled material and dispose of it in accordance with all regulations. If spilled into water, resulting solution will be highly alkaline; consider neutralizing with acetic acid.

General advice: Spilled material may cause slippery conditions. Prevent further leakage or spillage if safe to do so. Discharge into the environment should be avoided. Inform authorities of all environmental releases as appropriate.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Observe good general industrial hygiene. Avoid contact with skin and eyes. Avoid prolonged exposure. Do not breathe dust. Keep container closed when not in use. Do not eat, drink, or use tobacco products when using this product. Ensure adequate ventilation. Wear appropriate personal protective equipment. Do not use pressure to empty drums. Keep away from open flames, hot surfaces, and sources of ignition. Wash thoroughly after handling. Avoid release to the environment.

Conditions for safe storage: Store locked up. Keep containers tightly closed, out of direct sunlight, at ambient temperatures in a dry and well-ventilated place.

Materials incompatible with product: Acids, Oxidizers. Aluminium, Fluorine, Zinc.

SAFETY DATA SHEET

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Substance Identity	CAS #	Regulating Body	Value Type	Value
Phosphoric acid, sodium salt (1:3) as PNOR, Total Dust	7601-54-9	OSHA Z-1	PEL as TWA	15 mg/m ³
Phosphoric acid, sodium salt (1:3) as PNOR, Respirable Fraction	7601-54-9	OSHA Z-1	PEL as TWA	5 mg/m ³
Ethanol, 2-butoxy-	111-76-2	OSHA Z-1	PEL as TWA	50 ppm
Silicic acid (H ₂ SiO ₃), sodium salt (1:2) as PNOR, Total Dust	6834-92-0	OSHA Z-1	PEL as TWA	15 mg/m ³
Silicic acid (H ₂ SiO ₃), sodium salt (1:2) as PNOR, Respirable Fraction	6834-92-0	OSHA Z-1	PEL as TWA	5 mg/m ³

Engineering Controls: Maintain adequate ventilation (10 air changes / hour minimum). Use general ventilation, local exhaust, and other necessary engineering controls to control airborne levels below exposure limit. Avoid heat and sparks (from grinding or static discharge). Ensure eyewash stations and showers are available and in good working order.

Individual protection measures: Use good general industrial hygiene. Use personal protective equipment. If local exhaust is inadequate, use an appropriate respirator. Do not eat, drink, or use tobacco products when working with this product.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	White powder	Lower flammability (or explosive) limits:	No data available
Odor:	Nondescript	Upper flammability (or explosive) limits:	No data available
Odor threshold:	No data available	Vapor Pressure:	No data available
pH:	12-13 (1% aqueous solution)	Vapor Density:	No data available
Melting / Freezing Point:	No data available	Relative Density:	1.0
Initial Boiling Point:	No data available	Solubility:	Completely soluble in water
Boiling Range:	No data available	Partition Coefficient: n-Octane / Water	No data available
Flash Point:	No data available	Auto-ignition Temperature:	No data available
Evaporation Rate:	No data available	Decomposition Temperature:	No data available
Flammability (solid, gas):	Practically non-combustible	Viscosity:	No data available

NOTE: the physical data presented above are typical values and should not be construed as a specification.

SECTION 10 – STABILITY & REACTIVITY

Reactivity: Keep dry. Not reactive under typical conditions.

Chemical stability: Stable under typical storage conditions.

Possibility of hazardous reactions: Will not polymerize.

Conditions to avoid: Exceptionally high temperatures, ignition sources, poorly ventilated working or storage areas. Avoid moisture prior to use.

Incompatible materials: Acids, Oxidizers. Aluminium, Fluorine, Zinc.

Hazardous decomposition products: Will not decompose under typical conditions.

SAFETY DATA SHEET

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin contact and eye contact are the most likely routes of exposure. Exposure by ingestion is possible but unlikely. Given the nature of the product, exposure by inhalation or injection is unlikely.
Symptoms and effects:	May irritate the skin. Will irritate the eye. May cause respiratory irritation.
Chronic effects:	No data available
Numerical measure of toxicity:	This mixture is not classified as Acutely toxic.
Carcinogenicity:	Neither this product nor its components are on the NTP list, the IARC list, or the OSHA list of known or potential carcinogens.

SECTION 12 – ECOLOGICAL INFORMATION

Aquatic toxicity:	No data available
Terrestrial toxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	When dissolved in water, the resulting solution is highly alkaline.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal method:	Dispose of unused and/or contaminated material in accordance with local, state, and federal regulations. Uncontaminated product disposed as presented may be a RCRA regulated waste.
Container disposal method:	Send durable containers to a reconditioner for refurbishment. Dispose of other containers in accordance with local, state, and federal regulations.

SECTION 14 – TRANSPORTATION INFORMATION

US DOT Highway & Rail:	Not Regulated.
Marine Pollutant:	No data available
IMO / IMDG Water Transport:	No data available
Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC / IGC Code:	Consult IMO regulations before transporting in bulk by ocean transport.
ICAO / IATA Air Transport:	No data available

SAFETY DATA SHEET

SECTION 15 – REGULATORY INFORMATION

Chemical Inventory Compliance

This product complies with the national inventories of the following countries:

OSHA Hazard Communication Standard

(as regulated by US 29CFR1910.1200):

CERCLA This product, as supplied, contains the following hazardous substances with a Comprehensive Environmental Response Compensation and Liability Act Reportable Quantity (CERCLA RQ) as regulated by US 40CFR302 (a release equal to or greater than the RQ requires reporting to the National Response Center (800-424-8802), the SERC, and the LEPC):

EPCRA Sections 301-303 & 304 This product, as supplied, contains the following Extremely Hazardous Substances (EHS) subject to a Threshold Planning Quantity (TPQ) and Reportable Quantity (RQ) as regulated by US 40CFR355 (a release equal to or greater than the RQ requires reporting to the SERC and LEPC):

EPCRA Section 311 & 312

(as regulated by US 40CFR370 for Tier II Reporting):

EPCRA Section 313

(as regulated by US 40CFR372 for TRI Reporting):

US CWA This product, as supplied, contains the following substances regulated as pollutants pursuant to the Clean Water Act (40CFR122.21 & 40CFR122.22):

US CAA HAPs This product, as supplied, contains the following substances regulated as Hazardous Air Pollutants under the Clean Air Act Section 112:

US TSCA

This material is considered hazardous by the OSHA HazCom 2012 Standard (29CFR1910.1200).

Substance	CAS #	Product RQ
Phosphoric acid, sodium salt (1:3)	7601-54-9	5260 lbs

None.

Refer to Sections 2 and 3 of this SDS for information.

Substance	CAS #
Ethanol, 2-butoxy-	111-76-2
Silicic acid (H ₂ SiO ₃), sodium salt (1:2)	6834-92-0

No Data Available.

No Data Available.

SECTION 16 – OTHER INFORMATION

Revision Date: 01 September 2021

NFPA Rating:

Health / Blue: 3	Flammability / Red: 0	Instability / Yellow: 1
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 Specific Hazard / White: <blank>

This material is usually prepared and distributed as a consumer product. Consumer use should follow precautions and instructions found on the consumer package. This SDS is intended for communicating hazards in the workplace.

Disclaimer: This Safety Data Sheet (SDS) was prepared to comply with the US OSHA Hazard Communication Standard (29 CFR 1910.1200; aka HazCom 2012). This SDS supersedes any previous SDS. The information and recommendations described in this SDS are provided in good faith and based upon data believed to be correct. However, the information provided in this SDS is provided without any warranty, express or implied, regarding its correctness or accuracy. The information provided applies only to the product as shipped. The information is offered for the end user's information, consideration, and further investigation. The information contained in this document is not to be construed as absolute or complete since additional information may be necessary or desirable when particular / exceptional conditions / circumstances exist; or, because of applicable laws or government regulations. Since the actual conditions for the use of the product are beyond the manufacturer's control, no guarantee (express or implied) is made as to the effects of such use or the results to be obtained. The sole responsibility to determine appropriate conditions for the use of this product and the assumption of liability for any loss, damage, or expense arising from the product's use rests with the end user. The end user is encouraged to read the SDS and understand any associated hazards associated with the product thoroughly before using. It is the end user's responsibility to ensure that use, handling, storage, and disposal of the product complies with all federal, state, provincial, and local laws.