



SAFETY DATA SHEET

DISTRIBUTED BY:

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EMERGENCY TELEPHONE NUMBER:

Call CHEMTREC 800-424-9300

DATE: July 13, 2018

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Teak Cleaner Part A

MODEL NUMBER: 861

CHEMICAL FORMULA: Highly alkaline heavy duty cleaner

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE:

SYMBOLS:



SIGNAL WORD: DANGER!

HAZARD STATEMENT: Causes severe skin burns and eye damage. Inhalation of mists may cause damage to upper respiratory tract and lung tissue.

PRECAUTIONARY STATEMENTS:

Wash exposed skin thoroughly after handling. Wear eye and skin protection. Do not breathe mist.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name

Sodium Hydroxide (CAS 1310-73-2) 15 - 20%

SECTION 4 – FIRST AID MEASURES

INHALATION: If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, obtain get immediate medical attention.

INGESTION: DO NOT INDUCE VOMITING! Drink a large quantity of water, dilute juices or milk. Do not attempt to give anything by mouth to an unconscious person. Get immediate medical attention.

EYES: Rinse with fresh water for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists get medical attention/advice.

SKIN: Flush from skin and clothing with large amounts of fresh water. If irritation persists, get medical attention. Wash contaminated clothing before reuse.

Immediately call a POISON CENTER or doctor/physician.

SECTION 5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water fog or fine spray, Carbon Dioxide, Dry chemical or Alcohol-resistant foam. **SPECIAL**

FIRE FIGHTING PROCEDURES: Fire fighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known.

Sodium Hydroxide (CAS 1310-73-2) **IDLF (Immediate Danger to Life and Health)** 10 mg/m³

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Avoid personal contact. Dike to prevent spillage into streams or sewage systems. Consult local, state and federal authorities.



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SECTION 7 – HANDLING AND STORAGE

HANDLING: Do not get in eyes, on skin, or on clothing. Remove contaminated clothing immediately. Use corrosion proof equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation. Do not breathe mist or spray. May be corrosive to metals.

STORAGE: Store in a cool, well ventilated area. Avoid overheating (above 120 F) or freezing.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not usually needed in well ventilated areas. If needed, use a NIOSH approved respirator.

PROTECTIVE CLOTHING: Safety glasses and Nitrile or PVC gloves.

Sodium Hydroxide (CAS 1310-73-2)

ACGIH Ceiling: 2 mg/m³ **OSHA PEL TWA:** 2 mg/m³ **IDLF (Immediate Danger to Life and Health)** 10 mg/m³

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state Liquid.

Color Colorless

Odor Mild odor.

pH 14

Melting point/freezing point 32 °F (0°C)

Initial boiling point and boiling range Not determined.

Flash point None.

Upper/lower flammability or explosive limits

Flammability limit – lower (%) Not available.

Flammability limit – upper (%) Not available.

Relative density 1.1

Solubility (water) Completely soluble.

Percent volatile Not determined.

Volatile Organic Compounds (VOC) None.

SECTION 10 – STABILITY AND REACTIVITY

STABLE: Yes. Reacts with some metals which could release highly flammable gas (hydrogen). Thermal decomposition generates corrosive vapors. Reacts violently with acids.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Sodium oxide. Corrosive vapors..

CONDITIONS TO AVOID: Acids, metals.

SECTION 11 – TOXICOLOGICAL INFORMATION

Sodium Hydroxide (CAS 1310-73-2) LD50 (Oral) 140-3400 mg/kg; LD50 (Dermal, rat) 1350 mg/kg

ROUTES OF ENTRY: Eyes, skin, inhalation or ingestion.

LISTED CARCINOGEN: None.

MEDICAL CONDITION AGGREGATED: May aggregate pre-existing dermatitis.

INHALATION: Coughing. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Use with adequate ventilation.

INGESTION: Abdominal pain. Bleeding of the gastrointestinal tract. Burns to the gastric/intestinal mucosa. Nausea. Possible esophageal perforation. Obtain immediate medical attention.

EYES: Causes eye damage.

SKIN: Causes severe skin burns.

SECTION 12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION:

General Ecotoxicity: Not likely to be harmful to aquatic organisms nor to cause long term adverse effects to the environment. Contains biodegradable surfactants.

Water Ecotoxicity: Toxic to aquatic life. May cause pH changes to aquatic environments.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Consult local, state and federal authorities. Avoid release to the environment.



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SECTION 14 – TRANSPORT INFORMATION

Quantity, 1 gallon or less:

PROPER SHIPPING NAME: Not regulated as dangerous good.

HAZARD CLASS: N/A

UN/NA NUMBER: N/A

PACKAGING GROUP: N/A

IATA: Not permitted for shipment by air.

IMDG: Obtain requirements from shipper/handler.

Quantity, Greater than 1 gallon:

PROPER SHIPPING NAME: Sodium hydroxide solution (Sodium Hydroxide)

HAZARD CLASS: 8

UN/NA NUMBER: UN 1824

PACKAGING GROUP: II

IATA: Not permitted for shipment by air.

IMDG: Obtain requirements from shipper/handler.

SECTION 15 – REGULATORY INFORMATION

Contents of this SDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SARA SECTION 313 REPORTABLE INGREDIENTS: This product is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 49 CFR 372.

CERCLA (RQ) Sodium hydroxide: 1,000 lbs.

SARA SECTION 302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Sodium Hydroxide (CAS 1310-73-2): Immediate (acute) health hazard, according to SARA Title III Section 302 extremely hazardous substances (40 CFR 355).

SECTION 16 – OTHER INFORMATION

NFPA rating: Health = 3, Flammability = 0, Reactivity = 1, Other =

The information contained in this Safety Data Sheet is furnished without warranty of any kind, expressed or implied. Information in this Data Sheet has been assembled by the manufacturer based on its own studies and on the work of others and is believed to be correct as of the date issued. However, no warranty of any kind is expressed or implied as to the accuracy, completeness, or adequacy of the information obtained herein. The Manufacturer shall not be liable, regardless of fault, to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of, or in connection with, the accuracy, completeness, or adequacy of the information obtained herein. It is intended to assist in the normal safe usage of the product.