

ISSUE DATE: 8/15/2019

**I PRODUCT AND COMPANY IDENTIFICATION****GHS PRODUCT IDENTIFIER:**

TRADE NAME; TEAK CLEANER

**OTHER MEANS OF IDENTIFICATION:****RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:**

RECOMMENDED USE: READY TO ALL PURPOSE CLEANER

**SUPPLIER'S DETAILS:**

BIOESQUE SOLUTIONS  
150 EAST PALMETTO PARK ROAD  
SUITE 110  
BOCA RATON, FLORIDA 33432  
(800) 921-4634  
[www.bioesquesolutions.com](http://www.bioesquesolutions.com)

**24Hour Emergency telephone number:****INFOTRAC: (800) 535-5035****II HAZARD IDENTIFICATION****GHS CLASSIFICATION:**

GHS CLASSIFICATION SCALE: (1=SEVERE HAZARD, 4=SLIGHT HAZARD)

**PHYSICAL HAZARDS:****HEALTH HAZARDS:**

SKIN IRRITATION  
SERIOUS EYE DAMAGE / IRRITATION

CATEGORY 2  
CATEGORY 1

**AQUATIC HAZARDS:**

ACUTE 3

**LABEL ELEMENTS:****SIGNAL WORD: DANGER****HAZARD STATEMENTS:**

Causes serious eye damage  
Causes skin irritation  
Harmful to aquatic life

**HAZARD SYMBOLS:****PRECAUTIONARY STATEMENTS:**

Keep out of reach of children.  
Wash hands, exposed skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid release to the environment

**PRECAUTIONARY STATEMENTS (RESPONSE):**

IF ON SKIN: Wash with plenty of water. If irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately get medical advice/attention.

IN CASE OF FIRE: Use water spray to extinguish

**PRECAUTIONARY STATEMENTS (STORAGE):**

Store in a well ventilated area. Store locked up. Keep container tightly closed when not in use.

**PRECAUTIONARY STATEMENTS (DISPOSAL):**

Dispose of contents/container to an approved waste disposal plant in accordance with applicable local/regional/national and international regulations and product characteristics at time of disposal.

**OTHER HAZARDS:**

Avoid breathing fumes, mist, vapours or spray. Use only outdoors or in a well ventilated area. Do not get in eyes, on skin or clothing. Repeated or prolonged exposure can cause skin dryness or cracking.

**III PHYSICAL / CHEMICAL CHARACTERISTICS**

INGREDIENT IDENTITY	CAS NUMBER	PERCENTAGE
Hydrogen peroxide	7722-84-1	2-4
Phosphoric Acid	7664-38-2	0-1
Sodium octanesulfonate	5324-84-5	0-3

REMAINING INGREDIENTS ARE NOT REPORTABLE OR PROPRIETARY UNDER OSHA/SDS GUIDELINES. ALTHOUGH THE NAMES OR THE EXACT PERCENTAGES OF SOME INGREDIENTS HAVE BEEN WITHHELD AS (CBI) CONFIDENTIAL BUSINESS INFORMATION TRADE SECRET, ALL SAFETY INFORMATION HAS BEEN REPORTED ACCURATELY WITHIN THIS DATASHEET.

**IV FIRST AID MEASURES**

INGESTION: If swallowed, rinse mouth and then drink copious amounts of water to dilute. Do not induce vomiting unless told to do so by doctor or physician. Seek medical advice/attention. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lung. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Remove contaminated clothing. Wash with soap and plenty of water for 15 minutes. Wash contaminated clothing before reuse. If irritation occurs get medical advice.

INHALATION: Move individual away from exposure and into fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician if you feel unwell.

EYE CONTACT: Causes serious eye damage. Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. Open eyes wide open while rinsing. If irritation persists get medical attention/advice.

**Most Important Symptoms and Effects, Acute and Delayed**

INGESTION: Harmful if swallowed. Symptoms may include irritation of mucous membranes, diarrhea, gastric pain, and vomiting.

SKIN CONTACT: Symptoms may include redness, discoloration, dryness and cracking of skin.

INHALATION: Symptoms may include irritation of respiratory tract, mucous membranes

EYE CONTACT: Causes serious eye damage. Symptoms may include stinging, tearing, redness and blurred vision.

**Indication of immediate medical attention and special treatment needed, if necessary.**

Treat Symptomatically.

## V FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Water

Unsuitable extinguishing media- Foam, Carbon dioxide, dry chemical, fire blanket powder.

**Specific hazards arising from the chemical:** Although product is non-flammable, hydrogen peroxide exothermally decomposes to water and oxygen.

**Hazardous thermal decomposition products:** water and oxygen

**Special protective actions for fire-fighters:** Keep product containers and surrounding areas cool with water spray. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters:** Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## VI ACCIDENTAL RELEASE MEASURES

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

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders:** If specialized clothing is required to deal with the spillage, take note of information in section 8 for further information. See also information in non-emergency personnel above.

**Environmental precautions:** Avoid dispersal of spilled material with waterways, drains and sewers. See section 12 for additional ecological information.

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

**Small spill:** Stop leak if without risk. Move containers from the spill area. Absorb with an inert dry non combustible material such as diatomaceous earth and place in an appropriate waste disposal container and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

**Large spill:** Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, drains, water courses and confined areas. Wash spillages into an effluent treatment plant or absorb with an inert dry material such as diatomaceous earth and place in a appropriate waste disposal containers and dispose of wastes via a licensed waste disposal contractor according to federal, state and local regulations.

## VII HANDLING AND STORAGE

### Precautions for Safe Handling:

**Safe Handling Advice:** Product is ready to use. Do not mix with any product prior to use, especially bleach. Utilize appropriate personal protective equipment when handling product. Do not swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mists. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep tightly closed when not in use. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection and face protection during use.

**Advice on general occupational hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional hygiene information.

### Conditions for safe storage including any incompatibilities:

Store in a dry, well ventilated area away from bleach (see section 10) and food and drink. Keep container tightly closed when not in use. Do not store in unlabeled containers. Store below 90F. Keep away from children.

## VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

#### Occupational Exposure Limits

<u>Ingredient Identity</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH IDLH</u>
Hydrogen peroxide	twa: 1ppm, 1.4 mg/m <sup>3</sup> total dust	TWA 1ppm, 1.4mg/m <sup>3</sup>	
Phosphoric acid	1mg/m <sup>3</sup> TWA 3mg/m <sup>3</sup> STEL	1mg/m <sup>3</sup>	1mg/m <sup>3</sup> TWA 3mg/m <sup>3</sup> ST

### Appropriate Engineering Controls

**Engineering Controls:** Use with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants and maintain air concentrations below occupational exposure standards.

### Individual protection measures, such as personal protective equipment. (PPE)

**Eye/Face Protection:** Wear approved tightly sealed safety goggles and full face shield

**Skin & Body Protection:** Wear chemical resistant, impervious gloves at all times when handling chemical products. Check during use that gloves are still retaining their impervious properties, as the time for breakthrough can change from different manufacturers and chemical mixtures cannot always be accurately measured. Appropriate footwear and suitable protective clothing should be worn for the degree and risk of exposure.

**Respiratory Protection:** If workplace exposure limits of product or any component is exceeded, utilize proper respiratory protection program guidelines (see OSHA 1910.134 and American National Standard ANSI Z88.2) Use a properly fitted NIOSH/MSHA air-purifying or air-fed respirator in compliance with the above mentioned standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**IX PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: clear liquid  
Odor: fragrance free  
Odor threshold: not available  
pH: approx.. 3  
Melting Point/Freezing Point: Not Determined  
Initial Boiling Point/Range: Not Determined  
Flash Pt: Not Applicable  
Evaporation Rate: Not Determined (butyl acetate=1)  
Lower explosive limits: Not Applicable  
Upper explosive limits: Not Applicable  
Vapor Pressure: Not Determined  
Vapor Density: <1 (air=1)  
Relative Density: 1.02  
Solubility in water: Soluble  
Partition coefficient: not applicable  
Auto ignition temp: not applicable  
Decomposition Temp: not available  
Viscosity: water thin  
Oxidizing properties: Contains an oxidizing agent

**X STABILITY AND REACTIVITY**

Reactivity: Yes, reacts with copper, aluminum, zinc and other alloys. Reacts with bleach

Chemical Stability: Stable under recommended storage and use conditions.

Possibility of Hazardous Reactions: Do not mix with bleach. Bases, alkali, organic solvents

Conditions to Avoid: Excessive heat.

Incompatible Materials: Bleach based oxidizers,

Hazardous Decomposition Products: Oxygen

**XI TOXICOLOGICAL INFORMATION**

**Acute toxicity:** not classified,

**Skin corrosion/ irritation:** classified, Category 2,

**Serious Eye damage:** classified, Category 1,

**Sensitization:** Not classified

**Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive Toxicity:** Not Classified

**Teratogenicity:** Not Available

**Specific target Organ Toxicity (single exposure):**  
Not classified

**Specific target Organ Toxicity (repeated exposure)**  
Not Classified

**Aspiration Hazard:** Not classified

**Information on the likely routes of exposure:**

**Ingestion:** Harmful if swallowed

**Inhalation:** Symptoms are irritation of respiratory tract

**Skin:** May cause skin irritation

**Eye:** Causes serious eye irritation

**Symptoms related to the physical, chemical and toxicological characteristics**

**Ingestion:** See section iv, most important symptoms and effects, acute and delayed.

**Inhalation:** See section iv, most important symptoms and effects, acute and delayed.

**Skin:** See section iv, most important symptoms and effects, acute and delayed.

**Eye:** See section iv, most important symptoms and effects, acute and delayed.

**Delayed and immediate effects and also chronic effects from short and long term exposure.**

General: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis

Carcinogenicity: . Not classifiable.

Hydrogen Peroxide IARC status, Group 3- not classifiable as to its carcinogenicity to humans

NTP: no listed substance

**Numerical measures of Toxicity**

Not Available

**XII ECOLOGICAL INFORMATION**

Toxicity:	Ingredient name	Result	Species	Exposure
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**Persistence and degradability:**

No further information

**Bioaccumulation Potential:**

No further information

**Mobility in Soil:**

No further information

**Other adverse Effects:**

No further information.

**XIII DISPOSAL CONSIDERATIONS**

Dispose in accordance with applicable federal, state and local regulations.

**XIV TRANSPORT INFORMATION**

DOT: NOT REGULATED

**XV REGULATORY INFORMATION**

U.S. FEDERAL REGULATIONS: All ingredients are listed or exempted with TSCA.

SARA 302/304: Hydrogen peroxide RQ-1000lbs

SARA 311/312: Health Hazard- Acute-reactive (as 100% ingredient, peroxide levels present within product are well below 8% corrosive level, phosphoric acid is only present as ph control)

Ingredient	%	FIRE HAZARD	PRESSURE RELEASE	REACTIVE	IMMEDIATE ACUTE	DELAYED CHRONIC
Hydrogen Peroxide	2-4			YES	YES	
Phosphoric acid					YES	YES

SARA 313: none known

STATE REGULATIONS RTK: Phosphoric Acid: Mass, Pennsylvania, New Jersey  
Hydrogen peroxide: Mass, NJ, NY, Penn.

California Prop 65: none known to meet requirements

**XVI OTHER INFORMATION**

HMIS RATING: HEALTH (2) FIRE (0) REACTIVITY (1)  
4=EXTREME, 3=HIGH, 2=MODERATE, 1=SLIGHT, 0=INSIGNIFICANT

**NOTICE TO READER:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. The information on this sds was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Users are advised to confirm in advance of need, that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the sds. /furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.