

MSDS DATE: 8/22/02

## Golden Teak Cleaner™

### MATERIAL SAFETY DATA SHEET

**IMPORTANT:** Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product.

#### SECTION I DISTRIBUTOR INFORMATION

MANUFACTURER'S NAME : Golden Teak Company B.V.  
INFORMATION PHONE NUMBER : 31 402041115  
ADDRESS : Zandbergstraat 35  
: 5555 LA Valkenswaard, The Netherlands.

EMERGENCY PHONE NUMBER : 1-800-424-9300

Product or Trade Name: **Golden Teak Cleaner™**

#### HMIS CODES

HEALTH: 2  
FIRE: 0  
REACTIVITY: 1

#### HMIS RATINGS

0 = No hazard or minimal hazard  
1 = Low hazard  
2 = Moderate hazard  
3 = Serious hazard  
4 = Severe hazard

#### NOTES:

The HMIS (Hazardous Materials Information System) Health Code is assigned exclusively to acute health effects; significant chronic health effects are indicated by an asterisk (\*) to the right of the health code. Also, the acute rating applies to the listed chemical substance or mixture or to its combustion products, whichever has the greater hazard.

#### EMERGENCY OVERVIEW

*May irritate skin or eyes; may cause serious injury if ingested.  
Refer to Section IV for detailed First Aid instructions.  
Keep Away from children.*

#### SECTION II CHEMICAL INGREDIENTS

<u>Chemical</u>	<u>CAS#</u>	<u>% Composition</u>
Citric acid	77-92-9	5 - 10
Sodium Hydroxide	1310-73-2	0 - 1
Sulfohydroxipoly (oxy-1,2-ethandiyl)-C10-C16 Alkylether, Na-salt	68585-36-5	10 - 15
Oxoalcohol C13 ethoxylated with 5-9 Mol EO	69011-36-5	5 - 10
Water	7732-18-5	70 - 80

#### SECTION III HEALTH HAZARDS

THIS PRODUCT DOES NOT CONTAIN A KNOWN CANCER-CAUSING CHEMICAL AS LISTED BY IARC, NTP AND OSHA. (SEE BELOW FOR MORE INFORMATION.)

### HEALTH EFFECTS OF INGREDIENTS

#### INHALATION:

If sprayed or agitated such that an airborne mist is created, or if the product is subjected to fire or elevated temperatures that generate product vapors, irritation of the upper respiratory tract could occur. See Section IV for first aid instructions.

#### SKIN:

May cause slight to moderate skin irritation. See Section IV for first aid instructions.

#### EYES:

Damaging to eyes, causing moderate to serious injury depending on length of contact.  
See  
Section IV for first aid instructions.

#### INGESTION:

If liquids are swallowed, **may cause severe irritation and tissue damage of the mouth, esophagus, stomach and related tissues.** See Section IV for first aid instructions.

POTENTIAL ROUTES OF ENTRY		
Skin contact: Yes	Skin absorption: No	Eye contact: Yes
Inhalation: Yes	Ingestion: Yes	

#### EXPOSURE LIMITS

None have been established

#### IRRITANCY OF PRODUCT

Yes

#### SENSITIZATION TO PRODUCT

No

#### CARCINOGENICITY

No

#### TERATOGENICITY

No

#### REPRODUCTIVE TOXICITY

No

#### MUTAGENICITY

No

AGGRAVATION OF PRE-EXISTING MEDICAL CONDITIONS: None are known.

### SECTION IV

### EMERGENCY FIRST AID PROCEDURES

#### EYE CONTACT:

Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains (approximately 15-20 minutes). **Get medical attention immediately.**

#### SKIN CONTACT:

Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical is visible. Discard contaminated clothing, including shoes or other leather goods. **Get medical attention.**

#### INHALATION:

Immediately remove the affected person from the exposure area to fresh air. If breathing has stopped, artificial respiration may be administered after the first aid provider has



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For small spills, take up with inert adsorbent material and place into non-absorbent, compatible containers for later disposal. (Keep unnecessary people away; isolate hazard area and restrict entry.)

For large spills, if responder is certified to respond, don protective equipment and dike or dam free liquid to prevent spread; prevent product from entering any waterways or storm drains.

Adsorb, solidify, or pump free standing liquid into non-absorbent, compatible containers to facilitate containerization. If material is no longer useable dispose of as hazardous waste according to regulatory requirements.

Notify the applicable governmental agency of any leaks or spills that meet the "Reportable Quantity" thresholds.

<b>SECTION VII</b>	<b>HANDLING AND STORAGE</b>
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**PROPER HANDLING AND STORAGE:**

Store in closed containers in a cool, dry and well-ventilated area. Consumption of food and beverage should always be avoided when working with chemicals. Keep containers closed when not in use. Wash hands and face with soap and water thoroughly before eating, drinking or smoking after handling containers or product. Do not store below + 5°C.

**OTHER PRECAUTIONS:**

Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing mist or vapors.

**Restrict product use to people who have been trained in the hazards of the product, how to use the product, and what to do during an emergency involving the product.**

<b>SECTION VIII</b>	<b>SPECIAL PROTECTION INFORMATION</b>
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**EYE PROTECTION:**

Wear safety glasses with side-shields, plastic face shield or splashproof safety goggles when using this product.

**RECOMMENDED GLOVES:**

Neoprene or nitrile gloves.

**RESPIRATORY PROTECTION:**

Respiratory protection is not required under conditions of normal use. If vapor or mists is generated when the material is sprayed or handled in a manner where it could become airborne, use a half-mask respirator with a dust/mist filter. All respirators must be NIOSH certified. For employees to use respirators safely, a fully implemented respiratory protection program must be in place. Such a program must have medical evaluation, training and fit testing.

**VENTILATION:**

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General ventilation is usually sufficient unless product is applied by spraying. Spraying should be conducted in a commercial paint spray booth with sufficient mechanical ventilation. Do not use this product in a confined space.

**OTHER PROTECTION:**

Protective clothing should be worn.

**SECTION IX PHYSICAL DATA**

BOILING POINT	: 100 °C
MELTING POINT	: NA
VISCOSITY	: Information Not Available
VAPOR PRESSURE (mm Hg)	: 17.5 (23 hPa @ 20 °C)
VAPOR DENSITY (air = 1)	: >1
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	: 1.14
PERCENT VOLATILE	: 80%
EVAPORATION RATE	: = water
WATER SOLUBILITY	: high solubility
pH	: 4.0 – 5.0
APPEARANCE	: Colorless liquid
ODOR	: Characteristic
ODOR THRESHOLD	: Information Not Available

**SECTION X STABILITY & REACTIVITY DATA**

**STABILITY:** Stable at ambient temperature and pressure.

**INCOMPATIBILITY (MATERIALS TO AVOID):**  
Incompatible with strongly caustic substances.

**HAZARDOUS DECOMPOSITION PRODUCTS:**  
Carbon monoxide, carbon dioxide and other thermal decomposition compounds would be created in a fire or high temperature condition. See Section V for further information.

**HAZARDOUS POLYMERIZATION:** Spontaneous polymerization does not occur.

**SECTION XI TOXICOLOGICAL INFORMATION**

**ACUTE TOXICOLOGY:**  
As with all slightly corrosive materials, any contact with eyes, mucous membranes, or skin may result in temporary or permanent damage.

The oral rabbit LD50 of the product: Not available

**CHRONIC TOXICOLOGY:** No chronic effects are known.

**SECTION XII ECOLOGICAL INFORMATION**

No information available.

**SECTION XIII DISPOSAL INFORMATION**

WASTE DISPOSAL METHOD: Undiluted **Golden Teak Cleaner™** is a hazardous waste. Dispose in accordance with local, state and federal regulations.

**SECTION XIV TRANSPORT INFORMATION**

Golden Teak Cleaner is a non-corrosive liquid according to 49 CFR Section 173.136 and Section 173.137.

**SECTION XV REGULATORY INFORMATION**

WHMIS HAZARD CLASS: D2B

RCRA WASTE NUMBERS FOR MIXTURE: D002

**SARA REPORTING:**

This product is not listed as a SARA Toxic Chemical and is not subject to the reporting requirements of Section 313 Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**TSCA INVENTORY:**

All chemicals in this product with the exception of water are in the TSCA Inventory.

**SECTION XVI OTHER INFORMATION**

**Symbols, Abbreviations and Notations:**

ACGIH = American Conference of Governmental Industrial Hygienists

DOT = US Department of Transportation

g/kg = Grams per kilogram of body weight

IARC = International Agency for Research on Cancer Monographs

IDLH = Immediately Dangerous to Life and Health

INA = Information Not Available

LEL = Lower Explosive Limit

mg/kg = Milligrams per kilogram

mg/m<sup>3</sup> = Milligrams per cubic meter of air

mm Hg = Millimeters of mercury

N = No, Y = Yes

NA = Not Applicable

NRG = Not Regulated

NTP = National Toxicology Program

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit

ppm = Parts per million

RTECS = Registry of Toxic Effects of Chemical Substances

SARA = Superfund Amendments and Reauthorization Act

STEL = Short-Term Exposure Limit

TLV = Threshold Limit Value

TWA = Time-Weighted Average

UEL = Upper Explosive Limit

WHMIS = Workplace Hazardous Materials Information Systems

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If this product is repackaged, legal counsel should be consulted to insure that proper health, safety and other necessary information is included on the container.

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This MSDS was originally prepared by WETATRAM, Inc. of Baytown, Texas and reviewed by Info.Tox. International, Inc. Riverside, California, USA.