SeaSafe Teak Oil
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 11/10/2015 Date of issue: 11/10/2015

SECTION 1: IDENTIFICATION

Product Identifier
Product Form: Mixture
Product Name: SeaSafe Teak Oil
Product Code: 89751

Intended Use of the Product
Coating.

Name, Address, and Telephone of the Responsible Party
Company
Star brite Inc.
4041 SW 47th Avenue
Fort Lauderdale, FL 33314
(954) 587-6280
www.starbrite.com

Emergency Telephone Number
Emergency number : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture
Classification (GHS-US)
Flam. Liq. 4 H227
Skin Irrit. 2 H315
Carc. 1B H350
STOT RE 2 H373
Asp. Tox. 1 H304

Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US)

Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US)
H227 - Combustible liquid
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness
H350 - May cause cancer
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements (GHS-US)
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, sparks, open flames, hot surfaces. - No smoking.
P260 - Do not breathe mist, spray, vapors.
P264 - Wash hands, forearms, and exposed areas thoroughly after handling..
P280 - Wear eye protection, face protection, protective gloves.
P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P302+P352 – IF ON SKIN: Wash with plenty of water.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P314 - Get medical advice/attention if you feel unwell.
P321 - Specific treatment (see Section 4).
P331 - Do NOT induce vomiting.
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P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P370+P378 - In case of fire: Use appropriate media to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulations.

Other Hazards
Aquatic Acute 3  H402
Aquatic Chronic 3 H412
H402 - Harmful to aquatic life
H412 - Harmful to aquatic life with long lasting effects
P273 - Avoid release to the environment.

Other Hazards: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light</td>
<td>(CAS No) 64742-47-8</td>
<td>40 - 70</td>
<td>Flam. Liq. 4, H227 Asp. Tox. 1, H304 Aquatic Acute 2, H401</td>
</tr>
<tr>
<td>Distillates, petroleum, hydrotreated middle</td>
<td>(CAS No) 64742-46-7</td>
<td>10 - 24</td>
<td>Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Carc. 1B, H350 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16
The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]. A range of concentration as prescribed by Controlled Products Regulations has been used where necessary, due to varying composition.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures
General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If vomiting occurs have person lean forward so vomit is not inhaled/aspirated.

Most Important Symptoms and Effects Both Acute and Delayed
General: Causes skin irritation. May cause cancer. Causes damage to organs. Aspiration hazard. May be fatal if swallowed and enters airways.

Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation.

Eye Contact: May cause slight irritation.
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SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Combustible liquid.

Explosion Hazard: May form flammable/explosive vapor-air mixture.

Reactivity: Reacts with strong oxidants causing fire and explosion hazard.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Do not breathe fumes from fires or vapors from decomposition. Use water spray or fog for cooling exposed containers. Do not allow run-off from fire fighting to enter drains or water sources. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.


Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use special care to avoid static electric charges. Keep away from open flames, hot surfaces and sources of ignition. No smoking. Avoid breathing (vapor, mist, spray). Use only outdoors or in a well-ventilated area.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


For Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellullosic material. Contact competent authorities after a spill.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Wash hands and forearms thoroughly after handling.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Ground/bond container and receiving equipment. Ensure all national/local regulations are observed.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Keep container closed when not in use. Keep in fireproof place. Store locked up.

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Specific End Use(s) Coating.

Control Parameters

<table>
<thead>
<tr>
<th>Petroleum distillates, hydrotreated light (64742-47-8)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>British Columbia</td>
<td>OEL TWA (mg/m³)</td>
</tr>
</tbody>
</table>

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Gas detectors should be used when flammable gases/vapours may be released. Ground/bond container and receiving equipment. Ensure all national/local regulations are observed.


Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Consumer Exposure Controls: Do not eat, drink, or smoke during use.

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Light brown</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>149 °C (300.2 °F)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>65 °C (149 °F)</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper Flammable Limit</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Vapor Density at 20 °C</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity/Relative density</td>
<td>0.8 mg/mL</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not soluble in water</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Mechanical Impact</td>
<td>Not expected to present an explosion hazard due to mechanical impact</td>
</tr>
<tr>
<td>Explosion Data – Sensitivity to Static Discharge</td>
<td>Not expected to present an explosion hazard due to static discharge</td>
</tr>
</tbody>
</table>
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SECTION 10: STABILITY AND REACTIVITY
Reactivity: Reacts with strong oxidants causing fire and explosion hazard.
Chemical Stability: Combustible liquid. May form flammable/explosive vapor-air mixture.
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION
Information on Toxicological Effects - Product
Acute Toxicity: Not classified.
LD50 and LC50 Data: Not available.
Skin Corrosion/Irritation: Causes skin irritation.
Serious Eye Damage/Irritation: Not classified.
Respiratory or Skin Sensitization: Not classified.
Germ Cell Mutagenicity: Not classified.
Teratogenicity: Not classified.
Carcinogenicity: May cause cancer.
Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.
Reproductive Toxicity: Not classified.
Specific Target Organ Toxicity (Single Exposure): Not classified.
Aspiration Hazard: May be fatal if swallowed and enters airways.
Symptoms/Injuries After Inhalation: May cause respiratory irritation.
Symptoms/Injuries After Skin Contact: Causes skin irritation.
Symptoms/Injuries After Eye Contact: May cause slight irritation.
Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury. May be fatal if swallowed and enters airways.
Chronic Symptoms: May cause cancer. May cause damage to organs.
Information on Toxicological Effects - Ingredient(s)
LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral Rat</th>
<th>LC50 Inhalation Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates, petroleum, hydrotreated middle (64742-46-7)</td>
<td>&gt; 2000 mg/kg</td>
<td>4.6 mg/l/4h</td>
</tr>
<tr>
<td>ATE US (dust, mist)</td>
<td>4.60 mg/l/4h</td>
<td></td>
</tr>
<tr>
<td>Petroleum distillates, hydrotreated light (64742-47-8)</td>
<td>&gt; 5000 mg/kg</td>
<td>&gt; 5.2 mg/l/4h</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION
Toxicity
Ecology - General: Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

| LC50 and LC50 Data: |
|----------------------|---------------------|
| Distillates, petroleum, hydrotreated middle (64742-46-7) | 35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| LC 50 Fish 2         | > 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| Petroleum distillates, hydrotreated light (64742-47-8) | 45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| LC 50 Fish 2         | 2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |

Persistence and Degradability
SeaSafe Teak Oil
Persistence and Degradability: Not established.
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### Bioaccumulative Potential

<table>
<thead>
<tr>
<th>SeaSafe Teak Oil</th>
<th>Bioaccumulative Potential</th>
<th>Not established.</th>
</tr>
</thead>
</table>

### Petroleum distillates, hydrotreated light (64742-47-8)

<table>
<thead>
<tr>
<th>BCF fish 1</th>
<th>61 - 159</th>
</tr>
</thead>
</table>

### Mobility in Soil
Not available.

### Other Adverse Effects

### Other Information
Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste Disposal Recommendations
Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

#### Additional Information
Handle empty containers with care because residual vapors are flammable.

#### Ecology – Waste Materials
Hazardous waste due to toxicity.

### SECTION 14: TRANSPORT INFORMATION

#### In Accordance With ICAO/IATA/DOT/TDG/IMDG

#### UN Number

<table>
<thead>
<tr>
<th>DOT NA no.</th>
<th>UN Proper Shipping Name</th>
<th>Transport Document Description (DOT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA1993</td>
<td>COMBUSTIBLE LIQUID, N.O.S. (Contains petroleum distillates hydrotreated light, petroleum distillates hydrotreated middle)</td>
<td>NA1993 COMBUSTIBLE LIQUID, N.O.S. (CONTAINS PETROLEUM DISTILLATES HYDROTREATED LIGHT, PETROLEUM DISTILLATES HYDROTREATED MIDDLE), 3, III</td>
</tr>
</tbody>
</table>

#### DOT Symbols

| T1 | 1.5 178.274(d)(2) Normal............ 178.275(d)(2) |
| T4 | 2.65 178.274(d)(2) Normal............ 178.275(d)(3) |
| TP1 | The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / (1 + a (tr - tf)) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. |

#### DOT NA no.

<table>
<thead>
<tr>
<th>DOT Packaging Non Bulk (49 Cfr 173.xxx)</th>
<th>DOT Packaging Bulk (49 Cfr 173.xxx)</th>
</tr>
</thead>
<tbody>
<tr>
<td>203</td>
<td>241</td>
</tr>
</tbody>
</table>

### Additional Information

#### Emergency Response Guide (ERG) Number

<table>
<thead>
<tr>
<th>Emergency Response Guide (ERG) Number</th>
<th>128</th>
</tr>
</thead>
</table>

#### Other Information

This product meets the limited quantity exceptions as follows: DOT: Not regulated as dangerous goods except when shipped in bulk. Otherwise, the above descriptions apply.

#### Transport by sea
Not regulate for transport

#### Dot Vessel Stowage Location
A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.
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Marine Pollutant : No

Air transport

DOT Quantity Limitations Passenger Aircraft/Rail (49 CFR 173.27) : 60 L
DOT Quantity Limitations Cargo Aircraft Only (49 CFR 175.75) : 220 L

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SeaSafe Teak Oil

SARA Section 311/312 Hazard Classes

<table>
<thead>
<tr>
<th>Distillates, petroleum, hydrotreated middle (64742-46-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>Fire hazard</td>
</tr>
<tr>
<td>Immediate (acute) health hazard</td>
</tr>
<tr>
<td>Delayed (chronic) health hazard</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Petroleum distillates, hydrotreated light (64742-47-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
</tr>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
</tr>
<tr>
<td>Fire hazard</td>
</tr>
<tr>
<td>Immediate (acute) health hazard</td>
</tr>
</tbody>
</table>

US State Regulations

Distillates, petroleum, hydrotreated middle (64742-46-7)

U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Petroleum distillates, hydrotreated light (64742-47-8)

U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

Canadian Regulations

SeaSafe Teak Oil

WHMIS Classification

<table>
<thead>
<tr>
<th>Distillates, petroleum, hydrotreated middle (64742-46-7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Listed on the Canadian DSL (Domestic Substances List) inventory.</td>
</tr>
<tr>
<td>WHMIS Classification</td>
</tr>
<tr>
<td>Class D Division 2 Subdivision A - Very toxic material causing other toxic effects</td>
</tr>
<tr>
<td>Class D Division 2 Subdivision B - Toxic material causing other toxic effects</td>
</tr>
</tbody>
</table>

Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

| WHMIS Classification |
| Class D Division 2 Subdivision A - Very toxic material causing other toxic effects |
| Class D Division 2 Subdivision B - Toxic material causing other toxic effects |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 11/10/2015
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.
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**GHS Full Text Phrases:**

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Inhalation:dust,mist)</th>
<th>Acute toxicity (inhalation:dust,mist) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 2</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Acute 3</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3</td>
</tr>
<tr>
<td>Aquatic Chronic 2</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 3</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard Category 1</td>
</tr>
<tr>
<td>Carc. 1B</td>
<td>Carcinogenicity Category 1B</td>
</tr>
<tr>
<td>Flam. Liq. 4</td>
<td>Flammable liquids Category 4</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation Category 2</td>
</tr>
<tr>
<td>STOT RE 2</td>
<td>Specific target organ toxicity (repeated exposure) Category 2</td>
</tr>
<tr>
<td>H227</td>
<td>Combustible liquid</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

**NFPA Health Hazard**

2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

**NFPA Fire Hazard**

2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.

**NFPA Reactivity**

0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

**Party Responsible for the Preparation of This Document**

Star brite Inc.  
(954)587-6280

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.