

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

Version 2.1 Print date: 21/02/2012

Revision date: 21/02/2012

Section 1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

Identification on the label/Trade name: Teak Brite Sealer Natural

CAS: see section 3 EC: see section 3

Index Number: see section 3

REACH Pre-registration No.: N/A

Additional identification: Teak Oil

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Teak Oil and Sealer for Teak Wood.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

BoatLIFE

4060 Bridgeview Dr. North Charleston, SC USA

Tel: +843-566-1225 Fax: +843-566-1275

Email: gls@boatlife.com

1.4 Emergency telephone Number: +843-566-1225

Available 24 hours?

YES

NO

Section 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 Classification:

Classification in according to EU CLP 1272/2008	
Hazard classes/Hazard categories	Hazard statement
Flam. Liq. 3	H226
Asp. Tox. 1	H304

For full text of H- phrases: see section 2.2.

Classification in according to DPD	
Hazards characteristics	R-Phrases
-	R10
Xn	R65

For full text of R- phrases: see section 16.

2.1.2 The most important adverse effects

2.1.2.1 The most important adverse physicochemical effects:

Flammable liquid and vapour.

2.1.2.2 The most important adverse human health effects:

May be fatal if swallowed and enters airways

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

Version 2.1 Print date: 21/02/2012

Revision date: 21/02/2012

2.1.2.3 The most important adverse environmental effects:
Not available.

2.2 Label elements

Hazard Pictograms:



Signal Word(S): **Danger**

Hazard Statement: H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways

Precautionary Statement: P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P331: Do NOT induce vomiting.
P370 + P378: In case of fire: Use ... for extinction.
P403 + P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P501: Dispose of contents/container to certified service provider.

2.3 Other hazards

In use, may form flammable / explosive vapour-air mixture.

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Ingredient(s):

Substance Name	CAS#	EC#	% by weight	Index No.	REACH No.	Classification
Straight kerosine	64742-88-7	<70%	265-191-7	649-405-00-X	-	H304

Section 4 FIRST AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

Version 2.1 Print date: 21/02/2012

Revision date: 21/02/2012

4.1.2 In case of skin contact:

Wash contaminated skin with mild soap and water for 15 minutes. If irritation persists or signs of toxicity occur, seek medical attention.

4.1.3 In case of eyes contact:

Flush eyes with water for at least 15 minutes while holding eyelids open. Obtain medical attention.

4.1.4 In case of ingestion:

Do not induce vomiting. Guard against aspiration into lungs by having the individual turn on to their left side. Do not give anything by mouth to an unconscious person. Get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

4.3 Indication of any immediate medical attention and special treatment needed

Immediately call a POISON CENTER or doctor/physician.

Section 5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Use DRY chemicals, CO₂, alcohol foam or water spray.

Unsuitable extinguishing media: Do not use water except as a fog.

5.2 Special hazards arising from the substance or mixture

Combustible. Vapor forms a flammable / explosive mixture with air between upper and lower flammable limits. Containers exposed to intense heat from fires should be cooled with water to prevent vapour pressure build-up which could result in container rupture. Containers exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

5.3 Advice for fire-fighters:

Do not enter confined fire space without adequate protective clothing and an approved positive pressure self-contained breathing apparatus. Fire fighters should wear full protective clothing, including self-contained breathing equipment.

Section 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Wear appropriate protective equipment.

6.2 Environmental precautions:

Do not allow to enter sewerage system.

6.3 Methods for containment and cleaning up:

Eliminate all ignition sources. Handling equipment must be grounded. Isolate hazard area and restrict access. Try to work upwind of spill. Avoid direct contact with material. Wear appropriate breathing apparatus (if applicable) and protective clothing. Stop leak only if safe to do so. Dike and contain land spills; contain water spills by booming. Use water fog to knock down vapours; contain runoff. For large spills, remove by mechanical means and place in appropriate containers for disposal. Absorb residue or small spills with absorbent material and remove to non-leaking containers for disposal. Flush area with water to remove trace residue.

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

Version 2.1 Print date: 21/02/2012

Revision date: 21/02/2012

6.4 Reference to other sections:

Refer to section 8 of the SDS.

6.5 Additional information:

Not available.

Section 7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

7.1.1 Protective measures:

Hot surfaces may be sufficient to ignite liquid even in the absence of sparks or flames. Vapours may accumulate and travel to distant ignition sources and flashback. Empty containers may contain hazardous product residues. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapours are gone. Do not pressurize drum containers to empty them. Air-dry contaminated clothing in a well ventilated area before laundering. Avoid breathing vapours and prolonged or repeated contact with skin. Launder contaminated clothing prior to reuse.

7.1.2 Advice on general occupational hygiene:

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated area, away from heat and ignition sources. Use explosion-proof ventilation to prevent vapour accumulation.

7.3 Specific end use(s):

Not available.

Section 8 EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Control parameters:

8.1.1 Occupational exposure limits: Not available.

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Electrical and mechanical equipment should be explosion proof. Concentrations in air should be maintained below lower explosive limit at all times or below the recommended threshold limit value if unprotected personnel are involved. Local ventilation recommended where mechanical ventilation is ineffective in controlling airborne concentrations below the recommended occupational exposure limit. For personnel entry into confined spaces (i.e. bulk storage tanks) a proper confined space entry procedure must be followed including ventilation and testing of tank atmosphere. Make up air should always be supplied to balance air exhausted (either generally or locally).

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Chemical safety goggles and/or full face shield to protect eyes and face, if product is handled such that it could be splashed into eyes. Other Personal Protection Data: Ensure that eyewash stations and safety showers are proximal to the work-station location.

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

Version 2.1 Print date: 21/02/2012

Revision date: 21/02/2012

Hand protection: Impervious gloves.

Body protection: In confined spaces or where the risk of skin exposure is much higher, impervious clothing should be worn.

Respiratory protection: If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator. Use a NIOSH-approved chemical cartridge respirator with organic vapour cartridges or use a NIOSH-approved supplied-air respirator. For high airborne concentrations, use a NIOSH -approved supplied-air respirator, either self-contained or airline breathing apparatus, operated in positive pressure mode.

8.2.3 Environmental exposure controls:

Avoid discharge into the environment.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Slightly Viscous Liquid
Colour:	Light Amber
Odour:	Hydrocarbon odor.
Odour threshold:	No data available
pH:	No data available
Melting point/range :	No data available
Boiling point/range (°C) :	157°-210° C / 315°-410° F
Flash point (°C) :	43 °C / 109 °F- Tag Closed Cup
Evaporation rate:	No data available
Flammability (solid, gas);	No data available
Ignition temperature (°C) :	No data available
Upper/lower flammability/explosive limits:	Lower: 0.8%, Upper: 5%
Vapour pressure (20°C) :	2 mm Hg
Vapour density:	4.8
Density (20°C):	No data available
Water solubility (g/l):	Insoluble
n-Octanol/Water (log Po/w) :	No data available
Auto-ignition temperature:	229 °C / 444 °F
Decomposition temperature:	No data available
Viscosity, dynamic (20 °C) :	No data available

9.2 Physical hazards:

Not classified.

9.3 Other information:

Fat solubility(solvent– oil to be specified) etc	Not available
Bulk Density:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available
Surface tension:	Not available

Section 10 STABILITY AND RELIABILITY

10.1 Reactivity:

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

Version 2.1 Print date: 21/02/2012

Revision date: 21/02/2012

Stable under recommended transport or storage conditions.

10.2 Chemical stability:

Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions:

Not available.

10.4 Conditions to avoid:

Incompatible materials. Avoid excessive heat, open flames and all ignition sources.

10.5 Incompatible materials:

Oxidizing agents.

10.6 Hazardous decomposition products:

Not available.

Section 11 TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution

Not available.

11.2 Information on toxicological effects

Acute toxicity:

LD50 (Oral, Rat): >8ml/kg

LD50 (Dermal, Rat): >4ml/kg

LC50 (Inhalation, Rat): >14100 mg/m³/4h

Skin corrosion/irritation: No data available.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

STOT- single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12 ECOLOGICAL INFORMATION

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	24h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT&vPvB assessment: No data available.

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

Version 2.1 Print date: 21/02/2012

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Other adverse effects: No data available.

Section 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Contact a licensed professional waste disposal service. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packing must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner.

Section 14. TRANSPORT INFORMATION

	<i>Land transport (ADR/RID)</i>	<i>Sea transport (IMDG)</i>	<i>Air transport (ICAO/IATA)</i>
<i>UN-Number:</i>	1268	1268	1268
<i>UN Proper shipping name:</i>	Petroleum distillates, n.o.s.	Petroleum distillates, n.o.s.	Petroleum distillates, n.o.s.
<i>Transport hazard Class:</i>	3	3	3
<i>Packaging group:</i>	III	III	III
<i>Environmental hazards:</i>	NO	NO	NO
<i>Special precautions for user:</i>	See section 2.2	See section 2.2	See section 2.2
<i>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</i>	IBC03	IBC03	IBC03

Section 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant regulations: No data available.

Chemical Safety Assessment Carried Out? YES

NO

Section 16 OTHER INFORMATION

16.1 Indication of changes

Version 2.1 amended by EU No 453/2010

16.2 Relevant R- phrases (number and full text):

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

16.3 Legal Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or from contact with the above product.

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