

SAFETY DATA SHEET

Teakseal Teak Cleaner

1. Identification

1.1 Identification of the substance or preparation:

Product Name: Teakseal Teak Cleaner

1.2 Use of substance or preparation:

Cleaning agent/Cleaner, Degreasing agent

1.3 Company undertaking identification:

Fixtech Pty Ltd – Fixtech Marine Solutions
1/20 Export Drive
Molendinar, Queensland 4214
Tel. : +61 7 5530 1099
Fax. : +61 7 5530 1322
Email: info@fixtech.com.au

1.4 Emergency telephone:

+61 7 5530 1099

2. Composition/information on ingredients

Hazardous Ingredients	CAS No.	Risk Phrase	Conc. In %
2-butoxyethanol	111-76-2	Xn R20/21/22 Xi R36/38	14%
Ethoxylated (6-10 EO) isotridecanol	22984-54-9	Xn R22, Xi R41	4.5%
Tetrasodium ethylenediaminetetraacetate	64-02-8	Xn R22, Xi R36	4.5%
Disodium metasilicate	471-34-1	C R34, Xi R37	2.6%

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3. Hazardous identification

- * Classification of the substance or mixture
- * Classification according to the Regulation (EC) No. 1272/2008



GHS05 corrosion
Eye Dam. 1 H318 Causes serious eye damage.



GHS07
Acute Tox. 4 H302 Harmful if swallowed

Skin Irrit. 2 H315 Causes skin irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xi; Irritant

Risk Phrases:

R36/38: Irritating to eyes and skin.

Safety Phrases:

- 2 Keep out of reach of children
- 25 Avoid contact with eyes
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- 46 If swallowed, seek medical advice immediately and show container or label

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.

Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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4. First aid measures

4.1 After inhalation:

- Remove the victim to fresh air
- Respiratory difficulties: consult a doctor/ seek medical advice
- In case of unconsciousness place patient stably in side position for transportation

4.2 Skin contact:

- Rinse with water and soap and rinse thoroughly
- Seek medical advice if irritation persists

4.3 Eye contact:

- Rinse open eye with water for several minutes under running water
- Seek medical advice if irritation persists

4.4 After ingestion:

- Rinse mouth out and drink plenty of water
- If potentially dangerous quantities of this material have been swallowed, call a physician immediately
- Do not induce vomiting; call for medical help immediately
- If victim feels unwell seek medical advice

5. Fire fighting measures

- 5.1 Extinguishing media:** Non-combustible. Because of the large amounts of water contained in the product, it may be combustible only after partial or complete dehydration.
Use fire-extinguishing methods suitable to surrounding conditions.
- 5.2 Special hazards:** In case of fire, the following can be released:
Nitrogen oxides (NO_x), Carbon monoxide & Carbon dioxide, Metal oxides
- 5.3 Protective equipment:** Wear fully protective suit. Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gasses

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6. Accidental release measures

6.1 Personal precautions:

- keep people at a distance and stay on the windward side
- Wear protective equipment, keep unprotected persons away

6.2 Environmental precautions:

- Do not allow to enter sewers/surface or ground water

6.3 Methods and material for containment and clean up:

- Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust)
- Dispose contaminated material as waste according to item 13
- Ensure adequate ventilation.

7. Handling and storage

7.1 Handling:

- Store in cool, dry place in tightly closed receptacles
- Observe normal hygiene standards
- Do not discharge waste into drains
- Use with adequate ventilation. Avoid eye contact. Avoid breathing vapour.
- Do not take internally

7.2 Storage:

- Keep container tightly closed
- Store in a cool location
- Store away from foodstuffs
- Store in cool, dry conditions in well sealed receptacles

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8. Exposure controls/personal protection

8.1 Personal Protective Equipment:

Eyes:	Use proper protection – safety glasses as a minimum
Skin:	Washing at breaks and end of shift is adequate
Suitable Gloves:	Neoprene protective gloves
Suitable Respirator:	Not necessary work area is well ventilated
Body Protection:	Protective work clothing

8.2 Exposure controls:

- The usual precautionary measures are to be adhered to when handling chemicals
- Keep away from foodstuffs, beverages and feed
- Immediately remove all soiled and contaminated clothing
- Wash hands before breaks and at the end of work
- avoid contact with eyes and skin

9. Physical and Chemical Properties

9.1 General information:

Physical Form:	Liquid
Colour:	Red
Odour:	Weak, characteristic
Flash point:	Non-combustible, Non Flammable substance
Ignition temperature:	240°C
Self igniting:	Product is not self igniting
Boiling point:	100°C
Danger of Explosion:	Product does not present an explosion hazard
Explosion limits:	Upper 1.1 Vol% Lower 10.6Vol%
Vapour Pressure @ 20°C:	23hPa
pH:	13.5 (1% in water pH = 11.5)
Density at 20°C:	1.03 g/cm
Solubility in water:	Fully soluble
Solvent content:	
Organic solvents	14.0%
Water	74.4%
VOC	14%
Solids Content:	11.6%

Note: the above information is not intended for use in preparing product specifications

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10. Stability and reactivity

10.1 Reactivity

Chemical Stability

Thermal decomposition/conditions to be avoided:	No decomposition if use according to specification
Possibility of hazardous reactions:	Reacts with Oxidizing agents
Conditions to avoid:	No relevant information available
Incompatible materials:	No relevant information available
Hazardous decomposition products:	Nitrogen oxides, Carbon monoxide Carbon dioxide

11. Toxicological information

11.1 Acute toxicity: LD/LC50 values relevant for classification

111-76-2 2-butoxyethanol

Oral:	LD50	1000-2005 mg/kg (mouse) 1480 mg/kg (rat) 300-370 mg/kg (rabbit)
Dermal	LD50	400 mg/kg (rabbit) 1350-3060 mg/kg (rat)
Inhalative	LD50/4h	2400mg/l (rat)

6834-92-0 disodium metasilicate

Oral:	LD50	1280mg/kg (rat)
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Primary irritant effect:

On the skin	Irritant to skin and mucous membranes
On the eye	Irritating effect

Sensitisation: No sensitizing effects known

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12. Effects on the environment

12.1 Toxicity

Aquatic toxicity: 111-76-2 2-butoxyethanol **EC50:** 1700mg/kg Daphnia

12.2 Persistence and degradability:

No further relevant information available

12.3 Behaviour in environmental systems:

No further relevant information available

- Bio accumulative period

No further relevant information available

- Mobility in Soil

No further relevant information available

12.4 Additional ecological information:

- Hazardous for water

- Do not allow product to reach ground water, water course or sewage system

- Danger to drinking water even if small quantities leak into ground

12.5 Other adverse effects:

- No further relevant information available

13. Disposal considerations

13.1 Waste treatment methods:

- Must not be disposed together with household garbage

- Do not let product reach sewage system

- Disposal must be in accordance with local regulations

13.2 Recommended cleansing agents:

- Water, if necessary together with cleansing agents

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14. Transport information

14.1 Classification of the substance in accordance with UN recommendations

UN Number	:	Not Applicable
CLASS	:	-
PACKAGING GROUP	:	-

14.2 ADR (transport by road)

CLASS	:	Not subject
PACKAGING GROUP	:	-
CLASSIFICATION CODE	:	-
DANGER LABEL TANKS	:	-
DANGER LABEL PACKAGES	:	-
PROPER SHIPPING NAME	:	-

14.3 RID (transport by rail)

CLASS	:	Not subject
PACKAGING GROUP	:	-
CLASSIFICATION CODE	:	-
DANGER LABEL TANKS	:	-
DANGER LABEL PACKAGES	:	-
PROPER SHIPPING NAME	:	-

14.4 IMDG (maritime transport)

CLASS	:	Not subject
SUB RISKS	:	-
PACKAGING GROUP	:	-
MFAG	:	-
EMS	:	-
MARINE POLLUTANT	:	-

14.5 ICAO (air freight)

CLASS	:	Not Subject
SUB RISKS	:	-
PACKAGING GROUP	:	-
PACKAGING INSTRUCTIONS PASSENGER AIRCRAFT	:	-
PACKAGING INSTRUCTIONS CARGO AIRCRAFT	:	-
PROPER SHIPPING NAME	:	-

14.6 Special precautions: Keep separated from foodstuffs

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16. Other information

This information is based on our present knowledge. However, this does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes severe skin irritation
H318	Causes severe eye damage
H319	Causes severe eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R22	Causes burns
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R37	Irritating to respiratory system
R41	Risk of serious damage to eyes

Abbreviations and acronyms:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID:	Regulations Concerning the International Transport of Dangerous Goods by Rail
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
IATA-DGR:	Dangerous Goods Regulation by the International Air Transport Association
ICAO:	International Civil Aviation Organisation
ICAO-TI:	Technical Instructions by the International Civil Aviation Organisation
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
VOC:	Volatile Organic Compounds
LC50:	Lethal Concentration, 50 Percent
LD50:	Lethal Dose, 50 Percent

This data completes the technical datasheet for use, but does not replace it. The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements.

The data does not signify any warranty with regards to the products properties.