

SAFETY DATA SHEET

(according to 1907/2006/CE art. 31 Regulations)

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Code: TWDS

Product name: TEAK WONDER DRESSING SEALER

1.2. Relevant identified uses of the substance or mixture and uses advised againstIntended use Sealer for teak - **FOR LEISURE CRAFTS ONLY****1.3. Details of the supplier of the safety data sheet**Name BARKA s.r.l. - Strada Padana Superiore, 256/266 - 20090 Vimodrone (Mi) - Italia
tel. +39.02.27.40.80.33 - fax +39.02.25.04.072 - info@barka.it - www.barka.it**1.4. Emergency telephone number**

UK - National Poisons Information Service: 844 892 0111

2. HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

The product is classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments.
Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet

Danger Symbols: Xn

R phrases: 10-65-66

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet

2.2. Label elements

Hazard labelling pursuant to Directives 67/548/EEC and 1999/45/EC and subsequent amendments and supplements

Xn



HARMFUL

R10 FLAMMABLE**R65** HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED**R66** REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING**S 2** KEEP OUT OF THE REACH OF CHILDREN**S13** KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS**S23** DO NOT BREATHE VAPOUR/SPRAY**S43** IN CASE OF FIRE, USE FOAM, POWDER OR CO2 - "NEVER USE WATER"**S46** IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS CONTAINER OR LABEL**S51** USE ONLY IN WELL-VENTILATED AREAS**Contains:** DEAROMATIZED HYDROCARBONS**2.3. Other hazards**

Information not available

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances**

Information not relevant

3.2. Mixtures**Contains:** DEAROMATIZED HYDROCARBONS

Identification	Conc %	Classification 67/548/EEC	Classification 1272/2008 (CLP)
CAS.64742-48-9	50 - 100	R10, R66, Xn R65	
EC. 265-150-3			

INDEX -

T+ = Very Toxic(T+), T = Toxic(T), Xn = Harmful(Xn), C = Corrosive(C), Xi = Irritant(Xi), O = Oxidizing(O), E = Explosive(E), F+ = Extremely Flammable(F+),
F = Highly Flammable(F), N = Dangerous for the Environment(N)

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet

4. FIRST AID MEASURES**4.1. Description of first aid measures**

Nevertheless, observance of good industrial hygiene is recommended

4.2. Most important symptoms and effects, both acute and delayed

No episodes of damage to health ascribable to the product have been reported

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

5. FIREFIGHTING MEASURES**5.1. Extinguishing media**

SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS None in particular

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc)

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with straps around arms, legs and waist), work gloves (fireproof, cut proof and dielectric), a depressurised mask with facemask covering the whole of the operator's face or a self-respirator (self-protector) in the event of large quantities of fume

6. ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Use breathing equipment if fumes or powders are released into the air

6.2. Environmental precautions

The product must not penetrate the sewers, surface water, ground water and neighbouring areas

6.3. Methods and material for containment and cleaning up

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13

7. HANDLING AND STORAGE**7.1. Precautions for safe handling** Store in closed, labelled containers**7.2. Conditions for safe storage, including any incompatibilities**

Normal storage conditions without particular incompatibilities

7.3. Specific end use(s) Information not available**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters** Information not available.**8.2. Exposure controls**

As the use of adequate technical equipment must always take priority over personal protection equipment, make sure that the workplace is well aired through effective local aspiration or bad air vent. If such operations do not make it possible to keep the concentration of the product below the permitted workplace exposure thresholds a suitable respiratory tract protection must be used. See product label for hazard details during use. Ask your chemical substance suppliers for advice when choosing personal protection equipment. Personal protection equipment must comply with the rules in force indicated below

HAND PROTECTION

Protect hands with category II (ref. Directive 89/686/EEC and standard EN 374) work gloves, such as those in PVC, neoprene, nitril or equivalent. The following should be considered when choosing work glove material: degradation, breakage times and permeation. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves' limit depends on the duration of exposure

EYE PROTECTION

Wear protective airtight goggles (ref. standard EN 166)

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (ref. Directive 89/686/CEE and standard EN 344). Wash body with soap and water after removing overalls

RESPIRATORY PROTECTION

If the threshold value for one or more of the substances present in the preparation for daily exposure in the workplace or to a fraction established by the company's prevention and protection service is exceeded, wear a mask with an A or universal filter, the class (1, 2 or 3) of which must be chosen according to the limit concentration of use (ref. standard EN 141).

The use of breathing protection equipment, such as masks with organic vapour and dust/mist cartridges, is necessary in the absence of technical measures limiting worker exposure. The protection provided by masks is in any case limited. If the substance in question is odourless or its olfactory threshold is higher than the relative exposure limit and in the event of an emergency, or when exposure levels are unknown or the concentration of oxygen in the workplace is less than 17% volume, wear self-contained, open-circuit compressed air breathing apparatus (ref. standard EN 137) or fresh air hose breathing apparatus for use with full face mask, half mask or mouthpiece (ref. standard EN 138).

An emergency eye washing and shower system must be provided. In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	liquid
Colour	yellow-brown
Odour	characteristic
Boiling point	145 °C
Flash point	35 °C
Lower explosive limit	1 % (V/V)
Upper explosive limit	2 % (V/V)
Vapour density	2,1
Specific gravity	0,792 Kg/l
Solubilità	insoluble
Ignition temperature	> 200 °C

9.2. Other information

Solid content:	5,90 %
VOC	-

Not subject to Dir. 2004/42/CE and subsequent modifications because **“For leisure crafts only”**

10. STABILITY AND REACTIVITY**10.1. Reactivity**

There are no particular risks of reaction with other substances in normal conditions of use

10.2. Chemical stability

The product is stable in normal conditions of use and storage

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage

10.4. Conditions to avoid

None in particular, however the usual precautions used for chemical products should be respected

10.5. Incompatible materials Information not available**10.6. Hazardous decomposition products**

In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released

11. TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

The introduction of even small quantities of this liquid into the respiratory system in case of ingestion or vomit may cause bronchopneumonia and pulmonary edema.

This product may have a degreasing action on the skin, producing dryness and chapped skin after repeated exposure

12. ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation

13. DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations

CONTAMINATED PACKAGING


Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations

14. TRANSPORT INFORMATION


These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations.

These goods must be packed in their original packagings or in packagings made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations


Road and rail transport:

ADR/RID Class:	3	UN: 1263	
Packing Group:	III		
Label:	3		
Nr. Kemler:	30		
Limited Quantity:	5 L		
Tunnel restriction code.	(D/E)		
Proper Shipping Name:	PAINT or PAINT RELATED MATERIAL		
Special Provision:	640E		

Carriage by sea (shipping):

IMO Class:	3	UN: 1263
Packing Group:	III	
Label:	3	
EMS:	F-E , S-E	
Marine Pollutant:	NO	
Proper Shipping Name:	PAINT or PAINT RELATED MATERIAL	

Transport by air:

IATA:	3	UN: 1263
Packing Group:	III	
Label:	3	
CARGO:		
Packaging instructions:	366	Maximum quantity: 220 L
PASS:		
Packaging instructions:	355	Maximum quantity: 60 L
Special Instructions:	A3, A72	
Proper Shipping Name:	PAINT or PAINT RELATED MATERIAL	

15. REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Seveso category 6

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

PRODUCT Point. 3 - 40

CONTAINED SUBSTANCE

Substances in Candidate List (Art. 59 REACH) None

Substances subject to authorisation (Annex XIV REACH) None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected

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Emissioni: TAB. D Classe 3 00,02 %

15.2. Chemical safety assessment

No chemical safety assessment has been processed for the mixture and the substances it contains

16. OTHER INFORMATION

Text of risk (R) phrases mentioned in section 2-3 of the sheet:

R10 FLAMMABLE

R65 HARMFUL: MAY CAUSE LUNG DAMAGE IF SWALLOWED

R66 REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. - 10th Edition
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique (toxicological sheet)
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.