Safety Data Sheet
TEAK WONDER DRESSING & SEALER

Safety Data Sheet dated 4/2/2022, version 7

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mixture identification:

Trade name: TEAK WONDER DRESSING & SEALER

Trade code: TWDS

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Sealer for teak - FOR LEISURE CRAFTS ONLY

Uses advised against:

All uses not listed in the recomended uses

1.3. Details of the supplier of the safety data sheet

Company:

BARKA s.r.l. Strada Padana Superiore, 256/266 – 20055 Vimodrone – MI – ITALIA

Tel. (+39) 02 27408033 – Fax (+39) 02 2504072

Competent person responsible for the safety data sheet:

info@barka.it

1.4. Emergency telephone number

Austria +43 1 31304 5620, **Belgium** +32022649636, **Bulgaria** +359 2 9154 409, **Croatia** +38514686910, **Cyprus** +3572240561, **Czech Republic** +420267082257, **Denmark** +45 72 54 40 00, **Estonia** +3726943384, **Finland** +358 5052 000, **France** +33 3 85 21 92, **Germany** +49-30-18412-0, **Greece** +302106479250, **Hungary** +34 (1) 476 1136, **Ireland** +35318092566, **Italy** +390649906140, **Latvia** +371 67032600, **Lithuania** +370 70662008, **Luxembourg** +352 24785551, **Netherland** +31 88 75 585 61, **Norway** +47 21 07 70 00, **Poland** +48 42 2530 400, **Portugal** +351213303271, **Romania** +40213183606, **Slovakia** +421 2 5465 2307, **Slovenia** +38614006039, **Spain** +34 917689800, **Sweden** +46104566750, **United Kingdom** (England or Wales) 0845 46 47 or **Scotland** 08454 24 24 24 (UK only).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Warning, Flam. Liq. 3, Flammable liquid and vapour.

Warning, STOT SE 3, May cause drowsiness or dizziness.

Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Danger

Hazard statements:

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P331 Do NOT induce vomiting.
P370+P378 In case of fire, extinguish with CO2 or chemical powder.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents and container in accordance with all local, regional, national and international regulations.

Special Provisions:

PACK1 The packing must be featured by a safety lock for children.
PACK2 The packing must have tactive indications of danger for blind people.

Contains

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

80% - 90% hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

CAS: 64742-48-9, EC: 919-857-5

 2.6/3 Flam. Liq. 3 H226

 3.10/1 Asp. Tox. 1 H304

 3.8/3 STOT SE 3 H336

EUH066

225 ppm 2-methoxy-1-methylethyl acetate

Index number: 607-195-00-7, CAS: 108-65-6, EC: 203-603-9

 2.6/3 Flam. Liq. 3 H226

 3.8/3 STOT SE 3 H336

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.
Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.
Wash thoroughly the body (shower or bath).
Remove contaminated clothing immediatley and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
Use carbon dioxide (CO_2), dry chemical, water fog or foam, to extinguish flames.
Extinguishing media which must not be used for safety reasons:
Straight streams of water

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Hazardous combustion products:
Carbon oxides

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

For containment:

Contain and absorb spillage with inert absorbent material (e.g. sand, earth, vermiculite, kieselguhr).
Place contaminated material in suitable containers and dispose of waste.
For cleaning up:
Wash with plenty of water.
Recover used water and, if necessary, send it for disposal in authorised plants.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.
Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-methoxy-1-methylethyl acetate - CAS: 108-65-6
EU - TWA(8h): 275 mg/m3, 50 ppm - STEL: 550 mg/m3, 100 ppm - Notes: Skin

DNEL Exposure Limit Values

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics - CAS: 64742-48-9
Worker Professional: 77 mg/kg bw/day - Consumer: 46 mg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Professional: 871 mg/m3 - Consumer: 185 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 46 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects

2-methoxy-1-methylethyl acetate - CAS: 108-65-6
Worker Professional: 796 mg/kg bw/day - Consumer: 320 mg/kg bw/day - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: ECHA
Worker Professional: 275 mg/m3 - Consumer: 33 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Endpoint: irritation (respiratory tract) - Notes: ECHA
Consumer: 36 mg/kg bw/day - Exposure: Human Oral - Frequency: Long Term, systemic effects - Notes: ECHA

Consumer: 33 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects - Endpoint: irritation (respiratory tract) - Notes: ECHA
Worker Professional: 550 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects - Endpoint: irritation (respiratory tract) - Notes: ECHA

PNEC Exposure Limit Values

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Target: Fresh Water - Value: 0.635 mg/l - Notes: ECHA
Target: Marine water - Value: 0.0635 mg/l
Target: 10 - Value: 6.35 mg/l
Target: 11 - Value: 100 mg/l
Target: Freshwater sediments - Value: 3.29 mg/kg dw
Target: Marine water sediments - Value: 0.329 mg/kg dw
Target: Soil - Value: 0.29 mg/kg dw

8.2. Exposure controls

Eye protection:

Eye glasses with side protection (EN 166).

Protection for skin:

Chemical protection clothing.

Protection for hands:

Respiratory protection:

Full-/Half-/quarter-face masks (DIN EN 136/140).
Mask with filter "A" , brown colour

Thermal Hazards:

None

Environmental exposure controls:

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	Low viscosity fluid	--	--
Odour:	Hydrocarbon	--	--
Odour threshold:	N.A.	--	--
pH:	Not Relevant	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	145-200 °C	--	--
Flash point:	38 ° C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	0.1 hPa (20 °C)	--	--
Vapour density:	N.A.	--	--
Relative density:	0.8	--	--

Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	**Value**	**Method:**	**Notes**
Miscibility:	N.A.	--	organic solvents
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions
10.2. Chemical stability
Stable under normal conditions
10.3. Possibility of hazardous reactions
It may catch fire on contact with oxidising mineral acids.
10.4. Conditions to avoid
Avoid heat, hot surfaces, sparks, open flames and other ignition sources.
10.5. Incompatible materials
Oxidizing agents
10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological information of the product:
TEAK WONDER DRESSING & SEALER
a) acute toxicity
Not classified
Based on available data, the classification criteria are not met
b) skin corrosion/irritation
Not classified
Based on available data, the classification criteria are not met
c) serious eye damage/irritation
Not classified
Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation
Not classified
Based on available data, the classification criteria are not met
e) germ cell mutagenicity
Not classified

Based on available data, the classification criteria are not met
f) carcinogenicity
Not classified
Based on available data, the classification criteria are not met
g) reproductive toxicity
Not classified
Based on available data, the classification criteria are not met
h) STOT-single exposure
The product is classified: STOT SE 3 H336
i) STOT-repeated exposure
Not classified
Based on available data, the classification criteria are not met
j) aspiration hazard
The product is classified: Asp. Tox. 1 H304
Toxicological information of the main substances found in the product:
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics - CAS: 64742-48-9
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg bw
Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg bw
Test: LD50 - Route: Skin - Species: Rat = 2000 mg/kg bw
Test: LC50 - Route: Inhalation - Species: Rat > 4951 mg/m3 - Duration: 4h
j) aspiration hazard:
Positive
2-methoxy-1-methylethyl acetate - CAS: 108-65-6
a) acute toxicity:
Test: LC0 - Route: Inhalation - Species: Rat = 2000 ppm - Duration: 3h - Notes: ECHA
Test: LD0 - Route: Skin - Species: Rabbit > 5000 mg/kg bw - Notes: ECHA
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg bw - Notes: ECHA
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg bw - Source: Test OECD 401
Test: LC0 - Route: Inhalation - Species: Rat > 1728 ppm - Duration: 4h - Notes: ECHA
b) skin corrosion/irritation:
Test: Skin Irritant - Route: Skin - Species: Rabbit Negative - Source: Test OECD 404
f) carcinogenicity:
Test: NOAEL - Route: Inhalation - Species: Rat >= 11.058 mg/l - Notes: ECHA
g) reproductive toxicity:
Test: NOAEC - Route: Inhalation - Species: Rat = 5400 mg/m3 - Notes: ECHA

SECTION 12: Ecological information

12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
TEAK WONDER DRESSING & SEALER
Not classified for environmental hazards
Based on available data, the classification criteria are not met
hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics - CAS: 64742-48-9
a) Aquatic acute toxicity:
Endpoint: LL50 - Species: Daphnia > 1000 mg/l - Duration h: 48
Endpoint: NOELR - Species: Algae 3-100 mg/l - Duration h: 72
Endpoint: EL50 - Species: Algae > 1000 mg/l - Duration h: 72
Endpoint: LL50 - Species: Daphnia > 1000 mg/l - Duration h: 24
Endpoint: LL50 - Species: Fish > 1000 mg/l - Duration h: 96
Endpoint: LL50 - Species: Fish > 1000 mg/l - Duration h: 24
b) Aquatic chronic toxicity:
Endpoint: NOELR - Species: Daphnia = 0.23 mg/l - Duration h: 504

Endpoint: NOELR - Species: Fish = 0.131 mg/l - Duration h: 672

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

a) Aquatic acute toxicity:

Endpoint: EC0 - Species: Aquatic invertebrates = 500 mg/l - Duration h: 48 - Notes: ECHA

Endpoint: 19125.EC100 - Species: Aquatic invertebrates = 500 mg/l - Duration h: 48 - Notes: ECHA

Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 96 - Notes: ECHA

Endpoint: EC50 - Species: Aquatic invertebrates = 500 mg/l - Duration h: 48 - Notes: ECHA

Endpoint: LC0 - Species: Fish = 100 mg/l - Duration h: 96 - Notes: ECHA

Endpoint: LC50 - Species: Fish 100-180 mg/l - Duration h: 96 - Notes: ECHA

Endpoint: LC50 - Species: Fish = 180 mg/l - Duration h: 96 - Notes: ECHA

Endpoint: LOEC - Species: Algae > 1000 mg/l - Duration h: 96 - Notes: ECHA

Endpoint: NOEC - Species: Algae > 1000 mg/l - Duration h: 96 - Notes: ECHA

Endpoint: NOEC - Species: Fish = 100 mg/l - Duration h: 96 - Notes: ECHA

b) Aquatic chronic toxicity:

Endpoint: EC50 - Species: Aquatic invertebrates = 100 mg/l - Duration h: 504 - Notes: ECHA

Endpoint: LC50 - Species: Fish = 63.5 mg/l - Duration h: 336 - Notes: ECHA

Endpoint: NOEC - Species: Aquatic invertebrates = 100 mg/l - Duration h: 504 - Notes: ECHA

Endpoint: NOEC - Species: Fish = 47.5 mg/l - Duration h: 336 - Notes: ECHA

c) Toxicity to microorganisms:

Endpoint: EC10 > 1000 mg/l - Duration h: 0.5 - Notes: ECHA

12.2. Persistence and degradability

hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics - CAS: 64742-48-9

Biodegradability: Biodegradable - Notes: ECHA

2-methoxy-1-methylethyl acetate - CAS: 108-65-6

Biodegradability: Readily biodegradable - %: 100 - Notes: ECHA

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

14.1. UN number

ADR-UN number:	1263
IATA-Un number:	1263
IMDG-Un number:	1263

14.2. UN proper shipping name

ADR-Shipping Name:	PAINTS
IATA-Technical name:	PAINTS
IMDG-Technical name:	PAINTS

14.3. Transport hazard class(es)

ADR-Class:	3
ADR-Label:	3/30
IATA-Class:	3
IATA-Label:	3/30
IMDG-Class:	3
Special provisions:	Limited quantities LQ 5 l

14.4. Packing group

ADR-Packing Group:	III
IATA-Packing group:	III
IMDG-Packing group:	III

14.5. Environmental hazards

Marine pollutant: No

14.6. Special precautions for user

ADR-Transport category (Tunnel restriction code): D/E

IATA-Passenger Aircraft:	355
IATA-Cargo Aircraft:	366
IMDG-Technical name:	PAINTS
IMDG-EMS:	F-E, S-E

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

N.A.

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:
Restriction 3
Restriction 40

Restrictions related to the substances contained:
Restriction 75

Insert solvent classes regulation

Class 3 84.5 %

Where applicable, refer to the following regulatory provisions :
Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):
Seveso III category according to Annex 1, part 1
Product belongs to category: P5c

VOC (2004/42/EC) : 737 g/l

15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
EUH066 Repeated exposure may cause skin dryness or cracking.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 3, H226	On basis of test data
STOT SE 3, H336	Calculation method
Asp. Tox. 1, H304	Calculation method

This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of

	Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.