Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)

Trade name :	WOODEN FLOOR SOAP white Art. No. 2092		
Revision date :	21.01.2022	**Version (Revision) :**	3.0.3 (3.0.2)
Print date :	21.01.2022		

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

1.1 Product identifier

WOODEN FLOOR SOAP white
Art. No. 2092

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

Relevant identified uses

Product Categories [PC] Washing and cleaning products

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

BIOFA Naturprodukte W.Hahn GmbH

Street : Dobelstr.22

Postal code/city : D-73087 Bad Boll

Telephone : +49 (0) 7164-9405-0

Telefax : +49 (0) 7164-9405-94

Information contact :

E-mail address for information to the safety data sheet: biofa@info.de

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1.4 Emergency telephone number

During office time 7:30 to 16:30: +49 (0) 7164-9405-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

None

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements

P102	Keep out of reach of children.
P101	If medical advice is needed, have product container or label at hand.
P262	Do not get in eyes, on skin, or on clothing.
P501	Dispose of contents/container in accordance with local/national regulations

Supplemental Hazard information (EU)

Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE (EG-No. 220-120-9). May produce an allergic reaction.

Special rules for supplemental label elements for certain mixtures

EUH210	Safety data sheet available on request.
EUH211	Warning! Hazardous respirable droplets maybe formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards

None known.
Results of PBT and vPvB assessment: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

TITANIUM DIOXIDE ; EC No. : 236-675-5; CAS No. : 13463-67-7 ; REACH registration No. : 01-2119489379-17

Weight fraction :	≥ 5 - < 10 %
Classification 1272/2008 [CLP] :	Carc. 2 ; H351

1,2-BENZISOTHIAZOL-3(2H)-ONE ; EC No. : 220-120-9; CAS No. : 2634-33-5 ; REACH registration No. : 01-2120761540-60

Weight fraction :	≥ 0,002 - < 0,004 %
Classification 1272/2008 [CLP] :	Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Acute 1 ; H400

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice. Never give anything by mouth to an unconscious person or a person with cramps. Remove contaminated, saturated clothing immediately. If unconscious place in recovery position and seek medical advice.

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact

Remove contaminated, saturated clothing immediately. Subsequently wash off with: Water
In case of skin reactions, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. If necessary remove contact lenses and continue to flush with plenty of clean, fresh water.

After ingestion

Call a physician immediately. Put victim at rest, cover with a blanket and keep warm. Do NOT induce vomiting. If vomiting occurs, be sure to avoid choking. Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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).

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam Carbon dioxide (CO2) Water spray Extinguishing powder

5.2 Special hazards arising from the substance or mixture

"Fire will produce dense black smoke. Exposure to danger decomposition products may cause a health hazard. " In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx)

5.3 Advice for firefighters

Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Danger of slipping on spilled product. Provide adequate ventilation. Wear breathing apparatus if exposed to vapours/dusts/aerosols. See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates drains, lakes, rivers or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

For cleaning up

Larger amounts have to be pumped out. Contain and collect small spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Wash with plenty of water.

6.4 Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.
Keep container tightly closed. Never use pressure to empty container. Keep/Store only in original container. Comply with health and safety regulations.
Do not allow to enter into surface water or drains.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

Hints on joint storage

Keep away from: Alkali (lye). Acid Oxidizing agent

Storage class : 12

Storage class (TRGS 510) : 12

Further information on storage conditions

Observe label and technical data sheet precautions. Keep only in the original container in a cool, well-ventilated place. Protect against Heat. Frost Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s)

Lyes for treatment of wood surfaces indoors.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

TITANIUM DIOXIDE ; CAS No. : 13463-67-7

Limit value type (country of origin) : AGW (D)
- Parameter : A: respirable fraction
- Limit value : 1,25 mg/m³
- Version :

Limit value type (country of origin) : AGW (D)
- Parameter : E: inhalable fraction
- Limit value : 10 mg/m³
- Version :

DNEL/DMEL and PNEC values

DNEL/DMEL

Limit value type : DNEL Consumer (local and systemic) (TITANIUM DIOXIDE ; CAS No. : 13463-67-7)
- Exposure route : Oral
- Exposure frequency : Short-term
- Limit value : 700 mg/kg
- Safety factor : 1 day(s)

Limit value type : DNEL worker (local) (TITANIUM DIOXIDE ; CAS No. : 13463-67-7)
- Exposure route : Inhalation
- Exposure frequency : Long-term
- Limit value : 10 mg/m³

PNEC

Limit value type : PNEC (Aquatic, freshwater) (TITANIUM DIOXIDE ; CAS No. : 13463-67-7)
- Exposure route : Water (Including sewage plant)
- Limit value : 0,184 mg/l

Limit value type : PNEC (Aquatic, marine water) (TITANIUM DIOXIDE ; CAS No. : 13463-67-7)
- Exposure route : Water (Including sewage plant)
- Limit value : 0,0184 mg/l

Limit value type : PNEC (Sediment, freshwater) (TITANIUM DIOXIDE ; CAS No. : 13463-67-7)
- Exposure route : Water (Including sewage plant)
- Limit value : 1000 mg/kg

Limit value type : PNEC (Sediment, marine water) (TITANIUM DIOXIDE ; CAS No. : 13463-67-7)
- Exposure route : Water (Including sewage plant)
- Limit value : 100 mg/kg

Limit value type : PNEC (Soil) (TITANIUM DIOXIDE ; CAS No. : 13463-67-7)
- Exposure route : Soil
- Limit value : 100 mg/kg

8.2 Exposure controls

Appropriate engineering controls

Not necessary

Personal protection equipment

Safety data sheet of raw material suppliers or taken by accredited Laboratories or have been dertermined internally

Eye/face protection

Suitable eye protection Eye glasses with side protection

Skin protection

After cleaning apply high-fat content skin care cream.

Hand protection

Tested protective gloves must be worn DIN EN 374
Breakthrough times and swelling properties of the material must be taken into consideration.

Suitable material : NBR (Nitrile rubber)
Thickness of the glove material 0,35 mm
Breakthrough time (maximum wearing time) > 480 min.

NR (natural rubber, natural latex)
Thickness of the glove material 0,5 mm
Breakthrough time (maximum wearing time) > 480 min.

PVC (Polyvinyl chloride)
Thickness of the glove material 0,5 mm
Breakthrough time (maximum wearing time) > 480 min.

Body protection

Personnel should wear impermeable protective work clothing.
Recommended material Natural fibres (e.g. cotton)

Respiratory protection

Not necessary

Environmental exposure controls

See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

Colour : whitish

Odour

lavender

Odour threshold

Not determined

Safety relevant basis data

Melting point/melting range :			No data available		
Initial boiling point and boiling range :	(1013 hPa)	>	100	°C	
Decomposition temperature :			No data available		
Flash point :			not applicable		DIN EN ISO 1523
Ignition temperature :			not applicable		
Lower explosion limit :			not applicable		
Upper explosion limit :			not applicable		
Vapour pressure :	(50 °C)		No data available		
Density :	(20 °C)		1,07 - 1,09	g/cm^3	DIN 53217

Solvent separation test :	(20 °C)		not applicable		
Water solubility :	(20 °C)		completely mixable		
pH :			9,5 - 10,5		
Flow time :	(20 °C)		55 - 60	s	DIN-cup 4 mm
Solid content :			25 - 27	Wt %	
Solvent content :			0	Wt %	
Maximum VOC content (EC) :		<	0,1	Wt %	
Maximum VOC content (Switzerland) :		<	0,1	Wt %	

Self-ignition: Product is not self-igniting.
danger of explosion by solvents: Not applicable
Relative density: Not determined
Vapour density: Not determined
Evaporation rate: Not determined
N-octanol-water partition coefficient: Not determined

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactivity under recommended usage, handling and storage.

10.2 Chemical stability

Stable under recommended usage, storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Thermal decomposition can lead to the escape of irritating gases and vapours.

10.5 Incompatible materials

Alkali (lye). Acid Oxidizing agent.

10.6 Hazardous decomposition products

By combustion and thermal decomposition at high temperatures, the following chemicals can be produced: Carbon dioxide. Carbon monoxide Nitrogen oxides (NOx). carbon black.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter :	LD50 (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Exposure route :	Oral
Species :	Rat
Effective dose :	532 mg/kg

Acute dermal toxicity

Parameter :	LD50 (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Exposure route :	Dermal
Species :	Rat

Effective dose : > 2000 mg/kg

Acute inhalation toxicity

Parameter : LC50 (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Exposure route : Inhalative (dust, mist)
Species : Rat
Effective dose : 0,4 mg/l
Exposure time : 4 h

Irritant and corrosive effects

Primary irritation to the skin

May produce an allergic reaction. .

Irritation to eyes

The product is: Not an irritant.

Irritation to respiratory tract

The product is: Not an irritant.

Sensitisation

May produce an allergic reaction.

Repeated dose toxicity (subacute, subchronic, chronic)

Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

Toxicological data are not available.

Germ cell mutagenicity

Toxicological data are not available.

Reproductive toxicity

Toxicological data are not available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Species : Oncorhynchus mykiss (Rainbow trout)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : 2,2 mg/l
Exposure time : 96 h

Chronic (long-term) fish toxicity

Parameter : NOEC (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Species : Oncorhynchus mykiss (Rainbow trout)
Evaluation parameter : Chronic (long-term) fish toxicity
Effective dose : 0,21 mg/l
Exposure time : 28 day(s)

Acute (short-term) daphnia toxicity

Parameter : EC50 (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity

Effective dose :	3,27 mg/l
Exposure time :	48 h

Chronic (long-term) daphnia toxicity

Parameter :	NOEC (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Species :	Daphnia magna (Big water flea)
Evaluation parameter :	Chronic (long-term) daphnia toxicity
Effective dose :	1,2 mg/l
Exposure time :	21 day(s)

Acute (short-term) algae toxicity

Parameter :	EC50 (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Species :	Selenastrum capricornutum
Evaluation parameter :	Acute (short-term) algae toxicity
Effective dose :	0,11 mg/l
Exposure time :	72 hour(s)

Effects in sewage plants

Parameter :	EC20 (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Inoculum :	Activated sludge
Evaluation parameter :	Effects in sewage plants
Effective dose :	3,3 mg/l
Exposure time :	3 h
Parameter :	EC50 (1,2-BENZISOTHIAZOL-3(2H)-ONE ; CAS No. : 2634-33-5)
Inoculum :	Activated sludge
Evaluation parameter :	Effects in sewage plants
Effective dose :	13 mg/l
Exposure time :	3 h

12.2 Persistence and degradability

The surfactants/soaps contained in this mixture meet the requirements of Detergents Regulation 648/2004/EC concerning their biodegradability

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Other adverse effects

No data available

12.7 Additional ecotoxicological information

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Do not allow to enter into surface water or drains.

Product/Packaging disposal

Wastes and empty containers must be classified in accordance with the Waste Catalogue Ordinance.

Waste codes/waste designations according to EWC/AVV

Waste code product

08 01 12

Waste name

Waste paint and varnish other than those mentioned in 08 01 11*.

Waste treatment options

Appropriate disposal / Package

Packing which cannot be properly cleaned must be disposed of.
Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

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

Not applicable

14.8 Additional information

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information

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

EU legislation
Regulation (EC) No. 2037/2000 concerning materials, which cause damage to the ozone layer. Not applicable
Directive 96/82/EC for danger control following severe accidents with dangerous substances Not subject to 96/82/EC

National regulations

Restrictions of occupation
None, if handled according to order.

Störfallverordnung

Not subject to StörfallVO.

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to AwSV

Additional information

Giscode : Not applicable

15.2 Chemical safety assessment

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

16.1 Indication of changes

02. Labelling according to Regulation (EC) No. 1272/2008 (CLP) ▪ 03. Hazardous ingredients ▪ 08. Control parameters

16.2 Abbreviations and acronyms

Acute Tox.	Akute Toxizität
ADR	Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road – Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße
Aquatic Acute	Akute aquatische Toxizität
Aquatic Chronic	Chronische aquatische Toxizität
Asp. Tox.	Aspirationsgefahr
AVV	Abfallverzeichnis-Verordnung
AwSV	Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen
BImSchV	Verordnung zur Durchführung des Bundesimmissionsschutzgesetzes
CAS	Chemical Abstracts Service – Gesellschaft für die Vergabe von CAS-Nummern
CLP	Classification, Labelling and Packaging (Verordnung (EG) Nr. 1272/2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen)
CMR	carcinogen, mutagen, reproduktionstoxisch (krebserzeugend, erbgutverändernd, fortpflanzungsgefährdend)
DIN	Deutsches Institut für Normung
EAK	Europäischer Abfallkatalog
EC50	Mittlere effektive Konzentration
EN	Europäische Norm
EU	Europäische Union
EUH	Europäische Gefahrenhinweise
Eye Dam.	Schwere Augenschädigung
Eye Irrit.	Augenreizend
Flam. Liq.	Entzündbare Flüssigkeit
GHS	Globally Harmonised System of Classification and Labelling of Chemicals (Global Harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien)
hPa	Hectopascal
IATA-DGR	International Air Transport Association –Dangerous Goods Regulations (Gefahrgutvorschriften der Internationalen Flug-Transport-Vereinigung)
ICAO-TI	International Civil Aviation Organization-Technical Instructions (Technische Anleitungen für den sicheren Transport von Gefahrgütern in der Luft der zivilen Luftfahrtgesellschaft)
IC50	Halbmaximale Hemmstoffkonzentration
IMDG	International Maritime Code for Dangerous Goods (Internationaler Code für Gefahrgüter auf See
ISO	Internation Standards Organization (Internationale Organisation für Normung)
LC50	Lethal concentration, 50 percent (Lethale Konzentration für 50% einer Versuchspopulation)
LD50	Lethal dose, 50 percent (Lethale Dosis für 50% einer Versuchspopulation)
LQ	Limited Quantities (begrenzte Mengen)
MAK	Maximale Arbeitsplatzkonzentrationswerte gesundheitsgefährdender Stoffe
Met. Corr.	Korrosiv gegenüber Metallen
NOEC	No Observed Effect Concentration (Tierexperimentell festgelegte höchste Konzentration, bei der keine Wirkung – schädigender Effekt – mehr nachweisbar ist)
PBT	Persistent, Bioaccumulative and Toxic (persistent, bioakkumulierbar und toxisch)
RCP	Reciprocal Calculation-based Procedure (Methode zur Berechnung von Arbeitsplatzgrenzwerten von Kohlenwasserstoffgemischen

REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals (Verordnung (EG) Nr. 1907/2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe)
RID	Reglement concernant le transport International ferroviaire de marchandises Dangereuses (Regelung zur internationalen Beförderung gefährlicher Güter im Schienenverkehr)
Skin Corr.	Hautätzende Wirkung
Skin Irrit.	Hautreizende Wirkung
Skin Sens.	Sensibilisierung durch Hautkontakt
STOT RE	Spezifische Zielorgan-Toxizität – wiederholte Exposition
STOT SE	Spezifische Zielorgan-Toxizität – bei einmaliger Exposition
TRGS	Technische Regeln für Gefahrstoffe
UN	United Nations (Vereinte Nationen)
VbF	Verordnung über brennbare Flüssigkeiten (Österreichische Verordnung)
VOC	Volatile Organic Compounds (flüchtige organische Verbindungen)
vPvB	very Persistent and very Bioaccumulative (sehr persistent und sehr bioakkumulierbar)
WGK	Wassergefährdungsklasse (German Water Hazard Class)

Siehe auch Übersichtstabellen unter www.euphrac.com oder http://abk.esdscom.eu

16.3 Key literature references and sources for data

Regulation (EC) No. 1907/2006 (REACH), 1272/2008 (CLP) in the current version.
Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP] Transport regulations according ADR, RID, IMDG, IATA in the current version.
Safety data sheet taken from raw material suppliers or taken by accredited Laboratories or have been dertermined internally

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The classification and evaluation was carried out by the calculation method.

16.5 Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.