# SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

## SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name : NATURAL SOAP FOR OILED WOOD FLOORS

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

### 1.3. Details of the supplier of the safety data sheet

Registered company name : BLANCHON.

Address : 50, 8ème rue.69800.SAINT PRIEST.FRANCE.

Telephone : 00.33.4.72.89.06.09. Fax : 00.33.4.72.89.06.02.

fds@blanchon.com

http://www.blanchon.com/

### 1.4. Emergency telephone number : 00.33.1.45.42.59.59.

Association/Organisation : Orfila (INRS).

## SECTION 2 : HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

**In compliance with EC regulation No. 1272/2008 and its amendments.**

May produce an allergic reaction (EUH208).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

### 2.2. Label elements

Detergent mixture (see section 15).

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Additional labeling :

| | |
|---|---|
| EUH208 | Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction. |
| EUH208 | Contains MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE ; 2-METHYL-2H ISOTHIAZOL-3-ONE (3:1). May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request. |
| Precautionary statements - General : | |
| P102 | Keep out of reach of children. |
| Precautionary statements - Prevention : | |
| P271 | Use only outdoors or in a well-ventilated area. |
| Precautionary statements - Disposal : | |
| P501 | Dispose of contents / container to an approved landfill. |

### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

**Composition :**

| Identification | (EC) 1272/2008 | Note | % |
|---|---|---|---|
| CAS: 584-08-7<br>EC: 209-529-3<br>REACH: 01-2119532646-36<br><br>POTASSIUM CARBONATE | GHS07<br>Wng<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335 | | 2.5 <= x % < 10 |

| | | | |
|---|---|---|---|
| CAS: 13463-67-7<br>EC: 236-675-5<br>REACH: 01-2119489379-17<br><br>TITANIUM DIOXIDE | | [1] | 0 <= x % < 2.5 |
| INDEX: 613-088-00-6<br>CAS: 2634-33-5<br>EC: 220-120-9<br><br>1,2-BENZISOTHIAZOL-3(2H)-ONE | GHS05, GHS07, GHS09<br>Dgr<br>Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>M Acute = 1 | | 0 <= x % < 1 |
| CAS: 55965-84-9<br>REACH: 01-2120764691-48<br><br>MIXTURE OF:<br>5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE ; 2-METHYL-2H ISOTHIAZOL-3-ONE (3:1) | GHS06, GHS05, GHS09<br>Dgr<br>Acute Tox. 3, H301<br>Acute Tox. 2, H310<br>Skin Corr. 1C, H314<br>Skin Sens. 1A, H317<br>Eye Dam. 1, H318<br>Acute Tox. 2, H330<br>Aquatic Chronic 1, H410<br>M Chronic = 1<br>EUH:071 | | 0 <= x % < 1 |

(Full text of H-phrases: see section 16)

**Information on ingredients :**

[1] Substance for which maximum workplace exposure limits are available.

## SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

**In the event of exposure by inhalation :**

In the event of an allergic reaction, seek medical attention.

**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

**In the event of splashes or contact with skin :**

In the event of an allergic reaction, seek medical attention.

**In the event of swallowing :**

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

## SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

### 5.1. Extinguishing media

**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

### 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)

### 5.3. Advice for firefighters

No data available.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

**For first aid worker**

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

**Fire prevention :**

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Packages which have been opened must be reclosed carefully and stored in an upright position.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.

### 7.2. Conditions for safe storage, including any incompatibilities

No data available.

**Storage**

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

**Packaging**

Always keep in packaging made of an identical material to the original.

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

**Occupational exposure limits :**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---|---|---|---|---|---|
| 13463-67-7 | 10 mg/m3 | | | A4 | |

- France (INRS - ED984 :2016) :

| CAS | VME-ppm : | VME-mg/m3 : | VLE-ppm : | VLE-mg/m3 : | Notes : | TMP No : |
|---|---|---|---|---|---|---|
| 13463-67-7 | - | 10 | - | - | - | - |

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

| CAS | TWA : | STEL : | Ceiling : | Definition : | Criteria : |
|---|---|---|---|---|---|
| 13463-67-7 | - ppm<br>4 mg/m³ | - ppm<br>- mg/m³ | | | |

**Derived no effect level (DNEL) or derived minimum effect level (DMEL):**

TITANIUM DIOXIDE (CAS: 13463-67-7)

**Final use:** **Workers.**
Exposure method: Inhalation.
Potential health effects: Long term local effects.
DNEL : 10 ppm

**Final use:** **Consumers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 700 mg/kg body weight/day

**Predicted no effect concentration (PNEC):**

TITANIUM DIOXIDE (CAS: 13463-67-7)

Environmental compartment: Air.
PNEC : 1667 mg/kg

Environmental compartment: Soil.
PNEC : 100 mg/kg

Environmental compartment: Fresh water.
PNEC : 0.184 mg/l

Environmental compartment: Sea water.
PNEC : 0.0184 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 0.61 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 1000 mg/kg

Environmental compartment: Marine sediment.
PNEC : 100 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 100 mg/l

### 8.2. Exposure controls

**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

**- Hand protection**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

**- Body protection**

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**General information :**

| | |
|---|---|
| Physical state : | Fluid liquid. |

**Important health, safety and environmental information**

| | |
|---|---|
| pH : | Not relevant. |
| Boiling point/boiling range : | 145 °C. |
| Flash point interval : | Not relevant. |
| Vapour pressure (50°C) : | Below 110 kPa (1.10 bar). |
| Density : | < 1 |
| Water solubility : | Insoluble. |
| Viscosity: | v < 7 mm2/s (40°C) |
| Melting point/melting range : | -20 °C. |
| Self-ignition temperature : | 200 °C. |
| Decomposition point/decomposition range : | Not relevant. |

### 9.2. Other information

V.O.C. <= 5 g/l.

## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide ($CO_2$)

## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

#### 11.1.1. Substances

**Acute toxicity :**

TITANIUM DIOXIDE (CAS: 13463-67-7)

| | |
|---|---|
| Oral route : | LD50 > 5000 mg/kg<br>Species : Rat<br>OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure) |
| Dermal route : | LD50 > 5000 mg/kg<br>Species : Rabbit |
| Inhalation route (Dusts/mist) : | LC50 > 6.82 mg/l<br>Species : Rat |

POTASSIUM CARBONATE (CAS: 584-08-7)

| | |
|---|---|
| Oral route : | LD50 = 1870 mg/kg<br>Species : Rat |

**Skin corrosion/skin irritation :**

TITANIUM DIOXIDE (CAS: 13463-67-7)

OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Serious damage to eyes/eye irritation :**

TITANIUM DIOXIDE (CAS: 13463-67-7)

OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitisation :**

TITANIUM DIOXIDE (CAS: 13463-67-7)

OECD Guideline 406 (Skin Sensitisation)

**Specific target organ systemic toxicity - repeated exposure :**

TITANIUM DIOXIDE (CAS: 13463-67-7)

| | |
|---|---|
| Oral route : | C = 3500 mg/kg bodyweight/day<br>Species : Rat<br>Duration of exposure : 90 days |
| Inhalation route : | C = 10 mg/litre/6h/day<br>Species : Rat<br>Duration of exposure : 90 days |

#### 11.1.2. Mixture

**Respiratory or skin sensitisation :**

Contains at least one sensitising substance. May cause an allergic reaction.

**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 13463-67-7 : IARC Group 2B : The agent is possibly carcinogenic to humans.

## SECTION 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Substances

TITANIUM DIOXIDE (CAS: 13463-67-7)

| | |
|---|---|
| Fish toxicity : | LC50 > 100 mg/l<br>Species : Oncorhynchus mykiss<br>Duration of exposure : 96 h |
| Crustacean toxicity : | EC50 > 100 mg/l<br>Species : Daphnia magna<br>Duration of exposure : 48 h |
| Algae toxicity : | ECr50 = 16 mg/l<br>Species : Pseudokirchnerella subcapitata<br>Duration of exposure : 72 h |

POTASSIUM CARBONATE (CAS: 584-08-7)

| | |
|---|---|
| Fish toxicity : | LC50 = 68 mg/l<br>Species : Oncorhynchus mykiss<br>Duration of exposure : 96 h |
| Crustacean toxicity : | EC50 = 200 mg/l<br>Species : Daphnia pulex<br>Duration of exposure : 48 h |

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

#### 12.2.1. Substances

TITANIUM DIOXIDE (CAS: 13463-67-7)

| | |
|---|---|
| Biodegradability : | Non-rapidly degradable. |

POTASSIUM CARBONATE (CAS: 584-08-7)

| | |
|---|---|
| Biodegradability : | no degradability data is available, the substance is considered as not degrading quickly. |

### 12.3. Bioaccumulative potential

#### 12.3.1. Substances

TITANIUM DIOXIDE (CAS: 13463-67-7)

| | |
|---|---|
| Octanol/water partition coefficient : | log Koe < 3. |

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

**Waste :**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

**Soiled packaging :**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

**14.1. UN number**

-

**14.2. UN proper shipping name**

-

**14.3. Transport hazard class(es)**

-

**14.4. Packing group**

-

**14.5. Environmental hazards**

-

**14.6. Special precautions for user**

-

## SECTION 15 : REGULATORY INFORMATION

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

**- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2018/1480 (ATP 13)

**- Container information:**

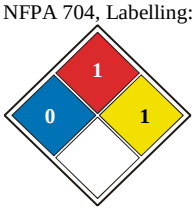
No data available.

**- Particular provisions :**

No data available.

**- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :**

NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none




**15.2. Chemical safety assessment**

No data available.

## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

FOR PROFESSIONAL USE ONLY

**Wording of the phrases mentioned in section 3 :**

| | |
|---|---|
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H310 | Fatal in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |

| | |
|---|---|
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H335 | May cause respiratory irritation. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| EUH071 | Corrosive to the respiratory tract. |

**Abbreviations :**

DNEL : Derived No-Effect Level
PNEC : Predicted No-Effect Concentration
ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefahrdungsklasse (Water Hazard Class).
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.