

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) No 453/2010

Article No.: 05010.1 PNZ Teak cleaner  
Print date: 04.11.2013 Revision date: 22.10.2013  
Version: 2.0 Issue date: 22.10.2013

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

**1.1. Product identifiers**

Article No. (manufacturer/supplier) 05010.1  
Identification of the substance or mixture PNZ Teak cleaner  
Farblos

**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**

**supplier (manufacturer/importer/downstream user/distributor)**

WHITTLEWAXES Pty Ltd.  
Factory 13, 25 Quanda Road, Telephone no. +61 07 5471 7963  
Coolum Beach, E-mail address [info@whittlewaxes.com.au](mailto:info@whittlewaxes.com.au)  
QLD 4573 Emergency contact +61 1300 326 929  
Australia

**Dept. responsible for information:**

Sale

1.4. E-mail (competent person)  
[info@whittlewaxes.com.au](mailto:info@whittlewaxes.com.au)

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

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

This mixture is classified as not hazardous according to 1999/45/EC.

**2.2. Label elements**

**Labelling (67/548/EEC or 1999/45/EC)**

**Hazard statements**

n.a.

**Precautionary statements**

2 Keep out of reach of children.

**contains:**

n.a.

**Special provisions concerning the labelling of certain mixtures**

n.a.

**2.3. Other hazards**

**SECTION 3: Composition / information on ingredients**

**3.2. Mixtures**

**Product description / chemical characterization**

Description Cleaner

**Hazardous ingredients**

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

EC No.	REACH No.	Wt %
CAS No.	Chemical name	Remark
INDEX No.	classification:	
203-905-0	02-2119764899-11-0000	
111-76-2	2-butoxyethanol	1 - 2,5
603-014-00-0	Xn; R20/21/22 / Xi; R36/38	
229-912-9		
10213-79-3	Dinatriummetasilikat pentahydrat	1 - 2,5
014-010-00-8	C; R34 / Xi; R37-36/37/38	
230-785-7		
7320-34-5	Tetrakaliumpyrophosphat	

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Article No.: 05010.1 PNZ Teak cleaner  
; R36

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201-069-1 02-2119773813-30-0000  
5949-29-1 Zitronensäure, Monohydrat  
Xi; R36

1 - 2,5

## Additional information

Full text of R-phrases: see section 16.

This mixture does not contain any substances which either present a health or environmental hazard according to directive 67/548/EEC or have an occupational exposure limit assigned.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

#### After inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

#### Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

#### After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

#### After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do not induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

#### Extinguishing media which must not be used for safety reasons:

strong water jet

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

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

### 5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

## SECTION 6: Accidental release measures

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

Ventilate affected area. Do not breathe vapours. 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 lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

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

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

### 6.4. Reference to other sections

Observe protective provisions (see chapter 7 and 8).

## SECTION 7: Handling and storage

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## 7.1. Precautions for safe handling

### Advices on safe handling

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

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

### Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSIVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (BGR 132)".

### Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

### Further information on storage conditions

Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

## 7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limit values:

2-butoxyethanol

INDEX No. 603-014-00-0/ EC No. 203-905-0/ CAS No. 111-76-2

TWA: 123 mg/m<sup>3</sup>; 25 ppm

STEL: 246 mg/m<sup>3</sup>; 50 ppm

#### Additional information

TWA : long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

### 8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction.

#### Occupational exposure controls

##### Respiratory protection

Not applicable.

##### Dand protection

For prolonged or repeated handling the following glove material must be used: z.B. Nitrilkautschuk (nach DIN EN 374)

Thickness of the glove material 0,4 mm Breakthrough time (maximum wearing time) 30 min

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

##### Eye protection

Wear closely fitting protective glasses in case of splashes.

##### Protective clothing

Wear suitable protective clothing and gloves.

##### Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

#### Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

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

#### Appearance:

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**Physical state** liquid  
**Colour** colourless  
**Odour** characteristic

Safety relevant basis data	Unit	Method	Remark
Flash point:	not applicable		
Ignition temperature in °C:	230 °C	DIN 51794	
Lower explosion limit:	1,1 Vol-%	calculated	
Upper explosion limit:	10,6 Vol-%	calculated	
Vapour pressure at 20 °C:	23,00 mbar	calculated	
Density at 20 °C:	1,016 g/cm <sup>3</sup>	DIN 53217	
Water solubility (g/L):	completely miscible		
pH value at 20 °C:	-		
Viscosity at 20 °C:	11 s 4 mm	DIN 53211	
Solid content (%):	8 Wt %		
solvent content:			
Organic solvents:	2 Wt %		
Water:	90 Wt %		

## 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

#### 10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

#### 10.4. Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

### SECTION 11: Toxicological information

No data on preparation itself available.

#### 11.1. Information on toxicological effects

##### Acute toxicity

Toxicological data are not available.

##### Irritant and corrosive effects

Toxicological data are not available.

##### Sensitisation

Toxicological data are not available.

##### Specific target organ toxicity

Toxicological data are not available.

##### Aspiration hazard

Toxicological data are not available.

##### Practical experience/human evidence

Other observations:

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

##### Overall Assessment on CMR properties

The ingredients in this preparation do not meet the criteria for classification as CMR category 1 or 2. according to 67/548/EEC.

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There is no information available on the preparation itself . The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

## SECTION 12: Ecological information

### overall evaluation

There is no information available on the preparation itself .  
Do not allow to enter into surface water or drains.

#### 12.1. Toxicity

No information available.

### Long-term Ecotoxicity

Toxicological data are not available.

#### 12.2. Persistence and degradability

Toxicological data are not available.

#### 12.3. Bioaccumulative potential

Toxicological data are not available.

### Bioconcentration factor (BCF)

Toxicological data are not available.

#### 12.4. Mobility in soil

Toxicological data are not available.

#### 12.5. Results of PBT assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

## SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

### Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

### List of proposed waste codes/waste designations in accordance with EWC

070699 wastes not otherwise specified

### packaging

#### Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

## SECTION 14: Transport information

**This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).**

**No dangerous good in sense of this transport regulation.**

#### 14.1. UN number

n.a.

#### 14.2. UN proper shipping name

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

n.a.

#### 14.4. Packing group

n.a.

#### 14.5. Environmental hazards

Land transport (ADR/RID)

n.a.

Marine pollutant

n.a.

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## 14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

### Additional information

#### Landtransport (ADR/RID)

tunnel restriction code -

#### Sea transport (IMDG)

EmS-No. n.a.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

## SECTION 15: Regulatory information

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

#### EU legislation

##### Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L) ISO 11890-2: 18,615  
VOC-value (in g/L) ASTM D 2369: 219,493

#### National regulations

#### Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.  
Observe restrictions to employment for juvenils according to the "juvenile work protection guideline" (94/33/EC).

#### Other regulations, restrictions and prohibition regulations

### 15.2. Chemical Safety Assessment

For the following substances of this preparation a chemical safety assessment has been carried out:

EC No. CAS No.	Chemical name	REACH No.
203-905-0 111-76-2	2-butoxyethanol	02-2119764899-11-0000

## SECTION 16: Other information

### Wording of the R-phrases under paragraph 3:

Xn; R20/21/22	Harmful	Harmful by inhalation, in contact with skin and if swallowed.
Xi; R36/38	Irritant	Irritating to eyes and skin.
Xi; R36	Irritant	Irritating to eyes.
C; R34	Corrosive	Causes burns.
Xi; R37-36/37/38		Irritating to respiratory system. Irritating to eyes, respiratory system and skin.

### Additional information

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.