

# SAFETY DATA SHEET



## Teak care system Process 2



Issued on 09/06/2010 - Rev. n. 3 on 28.08.2015

Code: TCK 2

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According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product code: Teak care system process 2

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

Use: To replenish teak surfaces - industrial and consumer use when used with process 1  
Uses advised against: Do not use for purposes other than those listed.

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

Bainbridge International Limited. Unit 8, Flanders Park, Southampton, Hampshire SO30 2FZ England

#### 1.4. Emergency telephone number

0044 1795 599880

### 2. HAZARDS IDENTIFICATION

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

Physical hazards – Skin Corr. 1B, H314 STOT SE 3, H335 Acute Tox. 4 (Oral), H302

Acute Tox. 4 (Dermal), H312 Carc. 2, H351 Repr. 2, H361d

Health hazards – Eye Dam. 1, H318

Environmental hazards – Aquatic Chronic 2, H411

#### 2.2. Label elements

**Labelling according to Regulation (EC) No 1272/2008**

Pictogram, Signal Word Code(s): **DANGER**  
Skin Corr.1A - H314 Causes severe burns and eye damage  
Eye Dam.1 - H318  
C; R35

GHS05



#### Precautionary statements:

Prevention: P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response: P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362 - Take off contaminated clothing and wash before reuse.  
P363 - Wash contaminated clothing before reuse.

Storage: P405 - Store locked up.

Contains: Oxalic acid, C9-11 Alcohol Ethoxylate with 6.5 mol EO, hydrochloric acid....%

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### 2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII  
No information on other hazards

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Mixtures.

Substance	Conc. %	Classification	Classification	Identification Number		REACH
		Dir 67/548	Reg 1272/08			
Hydrochloric acid ....%	3-10	C; R34 Xi; R37		CAS EINECS	231-595-7 017-002-01-X	
Oxalic acid (component)	3-10	Xn; R21/22 Xi; R41		CAS EINECS	144-62-7 205-634-3	
C9-11 Alcohol Ethoxylate with 6.5 mol EO	1-3	Xn; R22 Xi; R41		CAS EINECS	68439-45-2	
thiourea, thiocarbamide (Component)	0.1-1	Carc.Cat.3; R40 Repr.Cat.3; R63 Xn; R22 N; R51/53		CAS EINECS	62-56-6 200-543-5	
Hydrochloric acid ....%		(10 =< C < 25) Xi;R36/37/38 (C >= 25) C;R34-37		CAS EINECS	231-595-7 017-002-01-X	
Oxalic acid (component)		(C >= 5) Xn;R21/22		CAS EINECS	144-62-7 205-634-3	
Hydrochloric acid ....%	3-10		Skin Corr. 1B, H314 STOT SE 3, H335	CAS EINECS	231-595-7 017-002-01-X	
Oxalic acid (component)	3-10		Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318	CAS EINECS	144-62-7 205-634-3	
C9-11 Alcohol Ethoxylate with 6.5 mol EO	1.3		Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318		68439-45-2	
thiourea, thiocarbamide (Component)	0.1-1		Carc. 2, H351 Repr. 2, H361d Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411		62-56-6 200-543-5	
hydrochloric acid ... %		(10 =< C < 25) Skin Irrit. 2, H315 (10 =< C < 25) Eye Irrit. 2, H319 (C >= 10) STOT SE 3, H335 (C >= 25) Skin Corr. 1B, H314			231-595-7 017-002-01-X	

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Adverse effects not expected from this product.

First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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Immediately call a POISON CENTER or doctor/physician.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

Causes severe skin burns and eye damage

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

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

## **5. FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

Advised extinguishing agents:

**Use extinguishing media appropriate for surrounding fire. DO NOT use a heavy water stream**

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

No data available.

### **5.3. Advice for firefighters**

Use protection for the breathing apparatus

Safety helmet and full protective suit.

Eliminate sources of ignition. Evacuate personnel. Absorb liquid with non combustible material.

## **6. ACCIDENTAL RELEASE MEASURES**

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

6.1.1 For non-emergency personnel:

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

### **6.2. Environmental precautions**

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.

Discharge the remains in compliance with the regulations.

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

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

### **6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

## **7. HANDLING AND STORAGE**

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### 7.1. Precautions for safe handling

Avoid contact and inhalation of vapors. See also paragraph 8 below.  
At work do not eat or drink.  
Do not smoke at work.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.  
Keep containers upright and safe by avoiding the possibility of falls or collisions.  
Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

### 7.3. Specific end use(s)

Professional uses:  
Follow the rules of good hygiene in the workplace.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Substance	TWA (8 hr) PPM	TWL (15 mins) PPM	OTHER
Oxalic Acid	1	2	
Hydrochloric acid ...%	2mg/m3 1ppm	8mg/m3 5ppm	

### 8.2. Exposure controls

Individual protection measures:

Eye / face protection:	When handling the pure product use chemical splash safety glasses (spectacles cage) (EN 166).	
Skin protection:	When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3) Unsuitable materials: Rubber (latex), nitrile, PVC.	

Thermal hazards:	No hazard to report	
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Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment. Do not eat, smoke or drink during use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Physical and chemical properties	Value
Appearance	Green Liquid
Odour	Characteristic
Odour threshold	Not determined
pH	1

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Melting point/freezing point	<i>No data available</i>
Initial boiling point and boiling range	<i>No data available</i>
Flash point	<i>No data available</i>
Evaporation rate	Not determined
Flammability (solid, gas)	Non Flammable
Upper/lower flammability or explosive limits	<i>No data available</i>
Vapour pressure	<i>No data available</i>
Vapour density	No data available
Relative density	Not determined
Solubility	Not determined
Water solubility	Soluble in water
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined

### 9.2. Other information

Content of VOC:

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Thermal decomposition generates: Corrosive Vapours

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures

### 10.5. Incompatible materials

Strong acids

### 10.6. Hazardous decomposition products

Corrosive vapours

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

oxalic acid (144-62-7)

LD50 oral rat 7500 mg/kg Anhydrous

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### **C9-11 Alcohol Ethoxylate with 6.5 mol EO (68439-45-2)**

LD50 oral rat 200 - 2000 mg/kg

Skin corrosion/irritation : Causes severe skin burns and eye damage.

pH: 1

Serious eye damage/irritation : Causes serious eye damage.

pH: 1

Respiratory or skin sensitisation : Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated

exposure)

: Not classified

Based on available data, the classification criteria are not met

Aspiration hazard : Not classified

Based on available data, the classification criteria are not met

Potential Adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met.

## **12. ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

#### **C9-11 Alcohol Ethoxylate with 6.5 mol EO (68439-45-2)**

LC50 fishes 1 1 - 10 mg/l

hydrochloric acid ... %

LC50 fishes 1 20,5 mg/l 96 hours

EC50 Daphnia 1 0,45 mg/l 48 hours

### **12.2. Persistence and degradability**

No data available.

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

No data available.

### **12.5. Results of PBT and vPvB assessment**

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

### **12.6. Other adverse effects**

No adverse effects

## **13. DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

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Land fill or incinerate in accordance with local regulations using authorised personnel.

### 14. TRANSPORT INFORMATION

#### 14.1 UN number

**UN 1789**



#### 14.2 UN proper shipping name

**Hydrochloric Acid**

#### 14.3 Transport hazard class(es)

IMDG Class : 8 Packing group III

Limited quantities : 5 L

EmS : F-E, S-D

ADR/RID Class: 8 Packing group III

Limited quantities: 1L

Tunnel restriction : E

Transport Cat: 3

IATA number: 1789

IATA class : 8

IATA packing group: III

#### 14.4 Packing group

III

#### 14.5. Environmental hazards

Product is not environmentally hazardous

Marine polluting agent : Not

#### 14.6. Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.

The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

### 15. REGULATORY INFORMATION

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

National regulations

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

EU Legislation

Dangerous Preparations Directive 1999/45/EC

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended)

Guidance

Workplace Exposure Limits EH40

Approved Classification and Labelling Guide (Sixth edition) L131

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Health and environmental listings  
Regulation (EC) 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (as amended)

### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

## 16. OTHER INFORMATION

### 16.1. Other information

Description of the sentences of risk set out in paragraph 3

Acute Tox. 4 (Dermal) Acute toxicity (dermal), Category 4  
Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4  
Aquatic Chronic 2 Hazardous to the aquatic environment — Chronic Hazard, Category 2  
Carc. 2 Carcinogenicity, Category 2  
Eye Dam. 1 Serious eye damage/eye irritation, Category 1  
Repr. 2 Reproductive toxicity, Category 2  
Skin Corr. 1A Skin corrosion/irritation, Category 1A  
Skin Corr. 1B Skin corrosion/irritation, Category 1B  
STOT SE 3 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation  
H302 Harmful if swallowed  
H312 Harmful in contact with skin  
H314 Causes severe skin burns and eye damage  
H318 Causes serious eye damage  
H335 May cause respiratory irritation  
H351 Suspected of causing cancer  
H361d Suspected of damaging the unborn child  
H411 Toxic to aquatic life with long lasting effects  
R21/22 Harmful in contact with skin and if swallowed  
R22 Harmful if swallowed  
R34 Causes burns  
R35 Causes severe burns  
R37 Irritating to respiratory system  
R40 Limited evidence of a carcinogenic effect  
R41 Risk of serious damage to eyes  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R63 Possible risk of harm to the unborn child  
C Corrosive  
N Dangerous for the environment  
Xi Irritant  
Xn Harmful

#### NOTICE TO USERS:

The information contained herein is based on the knowledge available at the date of completion relating to requirements for safety, health, environmental protection and proper use of the product. The user must be aware of the possible risks associated with use of the product other than that for which the product is shipped. The card is not in any way excuse the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfil its obligations regarding the use of hazardous products. This does not exonerate the user from ensuring that legal obligations other than those mentioned and regulated, the possession and use of the product is solely responsible.

\*\*\* This sheet supersedes all previous editions.