

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



Trade name: TeakUnique 1 Step Teak
Cleaner
Revision date: 27.10.2018
Version: 1.0 EN

Print date: 27.10.2018
Replaces version:

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

1.1 Product identifier:

TeakUnique 1 Step Teak cleaner

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

Use of the Substance/Mixture: Cleaning agent (concentrate)

1.3 Details of the supplier of the safety data sheet:

Duranox OHG
Hauptstraße 16
59909 Bestwig

Telefon: +49 (0)2904 712 5038
E-Mail: info@duranox.de

1.4 Emergency telephone number:

Medical Emergency information in case of poisoning:

+49 (0)2904 712 5038 (advisory service in German or English language)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315
Eye Irrit. 2 H319

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

Full text of R-phrases: see section 16

Information concerning particular hazards for human and environment:

No additional information available

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word warning

Hazard statements H319 - Causes serious eye irritation
H315 - Causes skin irritation

Precautionary statements P102 - Keep out of reach of children
P101 - If medical advice is needed, have product container or label at hand

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P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P302+P352 - IF ON SKIN: Wash with plenty of water
P260 - Do not breathe spray

2.3 Other hazards
Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of the substances listed below with harmless additions

Dangerous components:			
CAS No 77-92-9 EC no 201-069-1 REACH-no 01-2119457026-42	Citric acid	Xi R36 Eye Irrit. 2 H319	< 2.5%
CAS No.: 68515-73-1	D-Glucopyranose	Eye Dam. 1, H 318	< 2%
CAS No: 79-33-4	Lactic acid	Eye Dam. 1, H318; Skin Irrit. 2, H315	< 5%

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures after inhalation

remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid measures after skin contact

Wash with plenty of Water. Take off contaminated clothing and wash before reuse.
If skin irritation occurs: Get medical advice/attention. Discontinue use of product.

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.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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For safety reasons unsuitable extinguishing agents

Water with a full water jet.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapours

5.3 Advice for firefighters

Protective equipment:

Wear self-contained breathing apparatus.
See section 8.

Additional information

Endangered containers in the surrounding area should be cooled with a water-hose.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable gloves and eye/face protection.

6.2 Environmental precautions:

Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

6.3 Methods and material for containment and cleaning up:

Contaminated material has to be disposed as waste (see item 13).

6.4 Reference to other sections

See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes. Avoid contact with skin. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.

Information about protection against explosions and fires:

Pay attention to general rules of internal fire prevention.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Keep containers tightly closed. Store in cool, dry conditions.

Requirements to be met by storerooms and containers:

No special requirements.

Information about storage in one common storage facility:

Not required.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical systems:

No further data; see item 7.

8.1 Control parameters

Additional information:

The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.
Keep away from food, beverages and fodder.
Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work.

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Avoid contact with the eyes..

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Wear eye protection

Body protection:

Standard protective clothing. Chemical resistant safety-shoes or boots. If skin contact is possible, wear impenetrable protective clothing against this solvent.

SECTION 9: Physical and chemical properties

9.1 **Information on basic physical and chemical properties**

General Information

Appearance:

Form: Liquid
Colour: coloured green

Smell: Not determined
Odour threshold: Not determined.

pH-value: 2,2

Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

Flash point: Product is non-flammable nor potentially explosive

Inflammability (solid, gaseous): Not applicable.

Ignition temperature:
Decomposition temperature: Not determined.

Self-inflammability: Product is not selfigniting.

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Danger of explosion: Product is not potentially explosive

Critical values for explosion:

Lower: Not determined.
Upper: Not determined.

Vapour pressure: Not determined.

Density Not determined.
Relative density Not determined.
Vapour density Not determined.
Evaporation rate Not determined

Solubility in / Miscibility with Water: soluble

Partition coefficient (n-octanol/water): Not determined.

Viscosity:
dynamic: Not determined.
kinematic: Not determined.

9.2 **Other information**

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 **Reactivity**

10.2 **Chemical stability**

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 **Possibility of hazardous reactions**

No dangerous reactions known

10.4 **Conditions to avoid**

No further relevant information available.

10.5 **Incompatible materials:**

No further relevant information available.

10.6 **Hazardous decomposition products:**

Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions.

SECTION 11: Toxicological information

11.1 **Information on toxicological effects**

Acute toxicity: Not classified

Skin corrosion/irritation: Causes skin irritation.

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Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

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Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information we have to hand.

SECTION 12: Ecological information

12.1 Toxicity

No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment

Aquatic toxicity:

Citric Acid (77-92-9)

LC50 fishes 1: 440 ml/l //OECD 203, Leuciscus idus melanotus
EC50 Daphnia 1:1535 mg/l Daphnia magna
NOEC chronic algae :4425 mg/l Scenedesmus quadricauda

Lactic Acid (79-33-4)

LC50 fishes 1: 46.7 (46 - 100) mg/l Leuciscus idus melanotus
LC50 other aquatic organisms 1: 46.7 mg/l Pseudomonas putida
EC50 Daphnia 1: 120 mg/l Daphnia magna
ErC50 (algae): 26.9 mg/l Desmodesmus subspicatus
NOEC chronic crustacea: 72 mg/l
NOEC chronic algae: 76.8 mg/l OECD 201; Pseudokirchnerella subcapitata

12.2 Persistence and degradability

Citric Acid (77-92-9)

Persistence and degradability: Biodegradable. Biodegradation: 100 % OECD 301 E

Lactic Acid (79-33-4) Biodegradation 100 % OECD 301 C

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Additional ecological information:

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

A used product should be recycled or used in other contexts, otherwise be handed over to an appropriate disposal site.

Waste disposal key number:

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

Uncleaned packagings:

Disposal must be made according to official regulations.

Recommendation:

After complete emptying and cleaning, send to be reconditioned or recycled.
Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.
Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA Void

14.2 UN proper shipping name

ADR, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, IMDG, IATA
Class Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards: Not applicable.

Marine pollutant: No

14.6 Special precautions for user Not applicable.

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

Not applicable.

Transport/Additional information:

Not dangerous according to the above specifications.

UN "Model Regulation": -

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SECTION 15: Regulatory information

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

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15.2 **Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H319
H 315
H 318
Xi
R36

Causes serious eye irritation.
Causes skin irritation
Causes serious eye damage
Irritant
Irritating to eyes.