Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier

Toko Eco Skin Proof

5582602 Toko Eco Skinproof 100ml

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

Relevant identified uses of the substance or mixture:
Impregnator
Sector of use [SU]:
SU21 - Consumer uses: Private households (=general public = consumers)
Chemical product category [PC]:
PC34 - Textile dyes, and impregnating products
Environmental Release Category [ERC]:
ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Uses advised against:
No information available at present.

1.3 Details of the supplier of the safety data sheet

Brav Germany GmbH, Junkersstr. 1, 82178 Puchheim, Germany
Phone:+49 (0)89 849 369 0, Fax:+49 (0)89 849 369 13
info@brav-germany.com, www.brav-germany.com

Toko AG
Industriestrasse 4
CH-9450 Altstätten SG
Tel.: +41 (0)71 757 73 73 Fax: +41 (0)71 757 73 00
www.toko.ch
www.facebook.com/tokoworldwide

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:
---
Telephone number of the company in case of emergencies:
+49 (0) 700 / 24 112 112 (SWS)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) 1272/2008 (CLP)

<table>
<thead>
<tr>
<th>Hazard class</th>
<th>Hazard category</th>
<th>Hazard statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit.</td>
<td>2</td>
<td>H319-Causes serious eye irritation.</td>
</tr>
</tbody>
</table>
STOT SE 3  H336-May cause drowsiness or dizziness.
Aerosol 1  H222-Extremely flammable aerosol.
Aerosol 1  H229-Pressurised container: May burst if heated.

2.2 Label elements
Labeling according to Regulation (EC) 1272/2008 (CLP)

Danger


P101-If medical advice is needed, have product container or label at hand.  P102-Keep out of reach of children.  P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  P211-Do not spray on an open flame or other ignition source.  P251-Do not pierce or burn, even after use.  P261-Avoid breathing vapours or spray.  P271-Avoid breathing vapours or spray.  P312-Call a POISON CENTRE / doctor if you feel unwell.  P405-Store locked up.  P410+P412-Protect from sunlight. Do not expose to temperatures exceeding 50 °C.  P501-Dispose of contents / container to an approved waste disposal facility.

Caution! You must comply! Damage to health possible due to inhaling! Only use outdoors or in well-ventilated rooms! Spray only for a few seconds! Spray leather and textile products only outdoors and let them air well! Keep away from children! Propan-2-ol

2.3 Other hazards
The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

SECTION 3: Composition/information on ingredients

3.1 Substance  
n.a.

3.2 Mixture

| Propan-2-ol |  
|---|---|
| Registration number (REACH) | 01-2119457558-25-XXXX |
| Index | 603-117-00-0 |
| EINECS, ELINCS, NLP | 200-661-7 |
| CAS | 67-63-0 |
| content % | 80-<100 |
| Classification according to Regulation (EC) 1272/2008 (CLP) | Flam. Liq. 2, H225  
Eye Irrit. 2, H319  
STOT SE 3, H336 |

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16. The substances named in this section are given with their actual, appropriate classification!
**Safety data sheet according to Regulation (EC) No 1907/2006, Annex II**

**Revision date / version:** 22.02.2019 / 0003  
**Replacing version dated / version:** 13.02.2018 / 0002  
**Valid from:** 22.02.2019  
**PDF print date:** 25.03.2019

**Toko Eco Skin Proof**

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

First-aiders should ensure they are protected!

**Inhalation**

Remove person from danger area.  
Supply person with fresh air and consult doctor according to symptoms.  
If the person is unconscious, place in a stable side position and consult a doctor.

**Skin contact**

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

**Eye contact**

Remove contact lenses.  
Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**Ingestion**

Rinse the mouth thoroughly with water.  
Do not induce vomiting - give copious water to drink. Consult doctor immediately.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.  
In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

The following may occur:

- Irritation of the respiratory tract  
- Coughing  
- Headaches  
- Dizziness  
- Effects/damages the central nervous system  
- Coordination disorders  
- Mental confusion

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

Symptomatic treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media**

- CO2  
- Extinction powder  
- Water jet spray  
- Alcohol resistant foam

**Unsuitable extinguishing media**

- High volume water jet

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

In case of fire the following can develop:

- Oxides of carbon  
- Toxic gases  
- Danger of bursting (explosion) when heated  
- Explosive vapour/air or gas/air mixtures.

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.  
Protective respirator with independent air supply.  
According to size of fire  
Full protection, if necessary.  
Cool container at risk with water.
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Keep unprotected persons away.
Remove possible causes of ignition - do not smoke.
Ensure sufficient supply of air.
Avoid inhalation, and contact with eyes or skin.
If applicable, caution - risk of slipping.

6.2 Environmental precautions
Prevent surface and ground-water infiltration, as well as ground penetration.
Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous.
If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up
Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.
Fill the absorbed material into lockable containers.

6.4 Reference to other sections
For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling
7.1.1 General recommendations
Ensure good ventilation.
Avoid inhalation of the vapours.
Avoid contact with eyes or skin.
Keep away from sources of ignition - Do not smoke.
Take measures against electrostatic charging, if appropriate.
Do not use on hot surfaces.
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
Observe directions on label and instructions for use.
Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities
Keep out of access to unauthorised individuals.
Not to be stored in gangways or stair wells.
Store product closed and only in original packing.
Do not store with flammable or self-igniting materials.
Observe special storage conditions.
Observe special regulations for aerosols!
Keep protected from direct sunlight and temperatures over 50°C.
Store in a well-ventilated place.
Store cool.

7.3 Specific end use(s)
No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Propan-2-ol

**Chemical Name**
Propan-2-ol

**Content %:** 80-<100

**Monitoring procedures:**
- Compur - KITa-122 SA(C) (549 277)
- Compur - KITa-150 U (550 382)
- Draeger - Alcohol 25/a i-Propanol (81 01 631)
- DFG (D) (Losungsmittelgemische), DFG (E) (Solvent mixtures 6) - 1998, 2002 - EU project BC/CEN/ENTR/000/2002-16 card 66-3 (2004)
- Draeger - Alcohol 100/a (CH 29 701)

**Other information:**
Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

**8.2 Exposure controls**

**8.2.1 Appropriate engineering controls**

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques. These are specified by e.g. BS EN 14042.

**8.2.2 Individual protection measures, such as personal protective equipment**

General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.
Eye/face protection:
Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:
Chemical resistant protective gloves (EN 374).
If applicable
Safety gloves made of butyl (EN 374)
Protective nitrile gloves (EN 374).

Minimum layer thickness in mm:
>= 0,5

Permeation time (penetration time) in minutes:
>= 480

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.
The recommended maximum wearing time is 50% of breakthrough time.
Protective hand cream recommended.

Skin protection - Other:
Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:
If OES or MEL is exceeded.
Filter A2 P2 (EN 14387), code colour brown, white
Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:
Not applicable

Additional information on hand protection - No tests have been performed.
In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.
Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.
The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls
No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid The propellant is not released when used in accordance with the regulations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Clear</td>
</tr>
<tr>
<td>Odour</td>
<td>Alcoholic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH-value</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>12 - 14 °C (Active substance Propan-2-ol)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>Not determined</td>
</tr>
<tr>
<td>Lower explosive limit</td>
<td>2 Vol-% (20°C, Active substance Propan-2-ol)</td>
</tr>
<tr>
<td>Upper explosive limit</td>
<td>12 Vol-% (Active substance Propan-2-ol)</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>42 - 48 hPa (Active substance Propan-2-ol)</td>
</tr>
<tr>
<td>Vapour density (air = 1):</td>
<td>Not determined</td>
</tr>
<tr>
<td>Density</td>
<td>0,75 - 0,85 g/cm3 (20°C, Active substance )</td>
</tr>
<tr>
<td>Bulk density</td>
<td>n.a.</td>
</tr>
<tr>
<td>Solubility(ies):</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

8.2.3 Environmental exposure controls
No information available at present.
**Safety data sheet according to Regulation (EC) No 1907/2006, Annex II**

**Revision date / version:** 22.02.2019  / 0003  
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**Toko Eco Skin Proof**

**Water solubility:** Mixable, Active substance  
**Partition coefficient (n-octanol/water):** Not determined  
**Auto-ignition temperature:** 425 °C (Active substance Propan-2-ol)  
**Decomposition temperature:** Not determined  
**Viscosity:** Not determined  
**Explosive properties:** Product is not explosive. When using: development of explosive vapour/air mixture possible.  
**Oxidising properties:** No  

### 9.2 Other information

**Miscibility:** Not determined  
**Fat solubility / solvent:** Not determined  
**Conductivity:** Not determined  
**Surface tension:** Not determined  
**Solvents content:** Not determined

---

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**  
The product has not been tested.

**10.2 Chemical stability**  
Stable with proper storage and handling.

**10.3 Possibility of hazardous reactions**  
No dangerous reactions are known.

**10.4 Conditions to avoid**  
See also section 7.  
Heating, open flame, ignition sources  
Pressure increase will result in danger of bursting.

**10.5 Incompatible materials**  
Avoid contact with strong oxidizing agents.

**10.6 Hazardous decomposition products**  
See also section 5.2  
No decomposition when used as directed.

---

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**  
Possibly more information on health effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity, by dermal route:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/irritation:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Respiratory or skin sensitisation:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reproductive toxicity:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aspiration hazard:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Symptoms:</td>
<td>n.d.a.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Propan-2-ol

### Toxicity / effect

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity, by oral route:</td>
<td>LD50</td>
<td>4570-5840</td>
<td>mg/kg</td>
<td>Rat</td>
<td>OECD 401 (Acute Oral Toxicity)</td>
</tr>
<tr>
<td>Acute toxicity, by dermal route:</td>
<td>LD50</td>
<td>13900</td>
<td>mg/kg</td>
<td>Rabbit</td>
<td>OECD 402 (Acute Dermal Toxicity)</td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
<td>LC50</td>
<td>30</td>
<td>mg/l/4h</td>
<td>Rat</td>
<td>OECD 404 (Acute Dermal Irritation/Corrosion)</td>
</tr>
<tr>
<td>Skin corrosion/irritation:</td>
<td></td>
<td></td>
<td></td>
<td>Rabbit</td>
<td>Not irritant</td>
</tr>
<tr>
<td>Serious eye damage/irritation:</td>
<td></td>
<td></td>
<td></td>
<td>Rabbit</td>
<td>Eye Irrit. 2</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation:</td>
<td></td>
<td></td>
<td></td>
<td>Guinea pig</td>
<td>Not sensitizing</td>
</tr>
<tr>
<td>Germ cell mutagenicity:</td>
<td></td>
<td></td>
<td></td>
<td>Salmonella typhimurium</td>
<td>Negative</td>
</tr>
<tr>
<td>Carcinogenicity:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Negative</td>
</tr>
<tr>
<td>Reproductive toxicity:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Negative</td>
</tr>
<tr>
<td>Specific target organ toxicity - repeated exposure (STOT-RE):</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Target organ(s): liver</td>
</tr>
<tr>
<td>Aspiration hazard:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Symptoms:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Breathing difficulties, unconsciousness, vomiting, headaches, fatigue, dizziness, nausea</td>
</tr>
<tr>
<td>Specific target organ toxicity - repeated exposure (STOT-RE), oral:</td>
<td>NOAEL</td>
<td>900</td>
<td>mg/kg</td>
<td>Rat</td>
<td>OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)</td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.5. Results of PBT and vPvB assessment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
</tr>
<tr>
<td>12.6. Other adverse effects:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n.d.a.</td>
</tr>
</tbody>
</table>

Propan-2-ol

<table>
<thead>
<tr>
<th>Toxicity / effect</th>
<th>Endpoint</th>
<th>Time</th>
<th>Value</th>
<th>Unit</th>
<th>Organism</th>
<th>Test method</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1. Toxicity to fish:</td>
<td>LC50</td>
<td>96h</td>
<td>&gt;100</td>
<td>mg/l</td>
<td>Leuciscus idus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12.1. Toxicity to daphnia:</td>
<td>EC50</td>
<td>48h</td>
<td>2285</td>
<td>mg/l</td>
<td>Daphnia magna</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
12.1. Toxicity to algae: EC50 72h >100 mg/l Desmodesmus subspicatus

12.2. Persistence and degradability:
- 21d 95 %
- 99,9 %

12.3. Bioaccumulative potential:
- Log Pow 0,05

12.4. Mobility in soil:
- Koc 1,1

12.5. Results of PBT and vPvB assessment:
- No PBT substance, No vPvB substance

12.6. Results of Mobility in soil:
- Koc 1,1

Toxicity to bacteria:
- EC50 >1000 mg/l activated sludge

Other information:
- THOD 2,4 g/g
- BOD5 53 %
- COD 96 %
- COD 2,4 g/g
- BOD 1171 mg/g

SECTION 13: Disposal considerations

13.1 Waste treatment methods
For the substance / mixture / residual amounts
EC disposal code no.: 16 05 04 gases in pressure containers (including halons) containing hazardous substances

Recommended:
- Sewage disposal shall be discouraged.
- Pay attention to local and national official regulations.
- Take full aerosol cans to problem waste collection.
- Take emptied aerosol cans to valuable material collection.

For contaminated packing material:
- Pay attention to local and national official regulations.
- Recommendation:
  - Do not perforate, cut up or weld uncleaned container.
- Recycling
  - 15 01 04 metallic packaging

SECTION 14: Transport information

14.1. UN number: 1950
14.2. UN proper shipping name: Toko Eco Skin Proof
UN 1950   AEROSOLS
14.3. Transport hazard class(es):  2.1
14.4. Packing group: -
Classification code:  5F
LO:  1 L
14.5. Environmental hazards: Not applicable
Tunnel restriction code:  D

Transport by sea (IMDG-code)
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es):  2.1
14.4. Packing group: -
EmS:  F-D, S-U
Marine Pollutant: n.a
14.5. Environmental hazards: Not applicable

Transport by air (IATA)
14.2. UN proper shipping name: Aerosols, flammable
14.3. Transport hazard class(es):  2.1
14.4. Packing group: -
14.5. Environmental hazards: Not applicable

14.6. Special precautions for user
Persons employed in transporting dangerous goods must be trained.
All persons involved in transporting must observe safety regulations.
Precautions must be taken to prevent damage.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Freighted as packaged goods rather than in bulk, therefore not applicable.
Minimum amount regulations have not been taken into account.
Danger code and packing code on request.
Comply with special provisions.

SECTION 15: Regulatory information

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

Observe restrictions:
Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Notes to Annex I</th>
<th>Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Lower-tier requirements</th>
<th>Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Upper-tier requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>P3a</td>
<td>11,1</td>
<td>150 (netto)</td>
<td>500 (netto)</td>
</tr>
</tbody>
</table>

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC):
> 96,8 %

Observe incident regulations.

15.2 Chemical safety assessment
A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information
Employee training in handling dangerous goods is required.
These details refer to the product as it is delivered.
Employee instruction/training in handling hazardous materials is required.

**Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):**

<table>
<thead>
<tr>
<th>Classification in accordance with regulation (EC) No. 1272/2008 (CLP)</th>
<th>Evaluation method used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2, H319</td>
<td>Classification according to calculation procedure.</td>
</tr>
<tr>
<td>STOT SE 3, H336</td>
<td>Classification according to calculation procedure.</td>
</tr>
<tr>
<td>Aerosol 1, H222</td>
<td>Classification according to calculation procedure.</td>
</tr>
<tr>
<td>Aerosol 1, H229</td>
<td>Classification based on the form or physical state.</td>
</tr>
</tbody>
</table>

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Eye Irrit. — Eye irritation
STOT SE — Specific target organ toxicity - single exposure - narcotic effects
Aerosol — Aerosols
Flam. Liq. — Flammable liquid

**Any abbreviations and acronyms used in this document:**

<table>
<thead>
<tr>
<th>AC</th>
<th>Article Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>acc.,</td>
<td>acc. to according, according to</td>
</tr>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td>ADR</td>
<td>Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)</td>
</tr>
<tr>
<td>AOEL</td>
<td>Acceptable Operator Exposure Level</td>
</tr>
<tr>
<td>AOX</td>
<td>Adsorbable organic halogen compounds</td>
</tr>
<tr>
<td>approx.</td>
<td>approximately</td>
</tr>
<tr>
<td>Art.,</td>
<td>Art. no. Article number</td>
</tr>
<tr>
<td>ATE</td>
<td>Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)</td>
</tr>
<tr>
<td>BAM</td>
<td>Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)</td>
</tr>
<tr>
<td>BauA</td>
<td>Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)</td>
</tr>
<tr>
<td>BCF</td>
<td>Bioconcentration factor</td>
</tr>
<tr>
<td>BGV</td>
<td>Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)</td>
</tr>
<tr>
<td>BHT</td>
<td>Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)</td>
</tr>
<tr>
<td>BMGV</td>
<td>Biological monitoring guidance value (EH40, UK)</td>
</tr>
<tr>
<td>BOD</td>
<td>Biochemical oxygen demand</td>
</tr>
<tr>
<td>BSEF</td>
<td>Bromine Science and Environmental Forum</td>
</tr>
<tr>
<td>bw</td>
<td>body weight</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service</td>
</tr>
<tr>
<td>CEC</td>
<td>Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids</td>
</tr>
<tr>
<td>CESIO</td>
<td>Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques</td>
</tr>
<tr>
<td>CIPAC</td>
<td>Collaborative International Pesticides Analytical Council</td>
</tr>
<tr>
<td>CLP</td>
<td>Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)</td>
</tr>
<tr>
<td>CMR</td>
<td>carcinogenic, mutagenic, reproductive toxic</td>
</tr>
<tr>
<td>COD</td>
<td>Chemical oxygen demand</td>
</tr>
<tr>
<td>CTFA</td>
<td>Cosmetic, Toiletry, and Fragrance Association</td>
</tr>
<tr>
<td>DMEL</td>
<td>Derived Minimum Effect Level</td>
</tr>
<tr>
<td>DNEL</td>
<td>Derived No Effect Level</td>
</tr>
</tbody>
</table>
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 22.02.2019 / 0003
Replacing version dated / version: 13.02.2018 / 0002
Valid from: 22.02.2019
PDF print date: 25.03.2019

Toko Eco Skin Proof

DOC Dissolved organic carbon
DT50 Dwell Time - 50% reduction of start concentration
DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)
dw dry weight
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance
EC European Community
ECHA European Chemicals Agency
EEA European Economic Area
EEC European Economic Community
EINECS European Inventory of Existing Commercial Chemical Substances
ELINCS European List of Notified Chemical Substances
EN European Norms
EPA United States Environmental Protection Agency (United States of America)
ERC Environmental Release Categories
ES Exposure scenario
etc. et cetera
EU European Union
EWC European Waste Catalogue
Fax. Fax number
gen. general
GHS Globally Harmonized System of Classification and Labelling of Chemicals
GWP Global warming potential
HET-CAM Hen's Egg Test - Chorionallantoic Membrane
HGWP Halocarbon Global Warming Potential
IARC International Agency for Research on Cancer
IATA International Air Transport Association
IBC Intermediate Bulk Container
IBC (Code) International Bulk Chemical (Code)
IC Inhibitory concentration
IMDG-code International Maritime Code for Dangerous Goods
incl. including, inclusive
IUCLID International Uniform Chemical Information Database
LC lethal concentration
LC50 lethal concentration 50 percent kill
LCLo lowest published lethal concentration
LD Lethal Dose of a chemical
LD50 Lethal Dose, 50% kill
LDLo Lethal Dose Low
LOAEL Lowest Observed Adverse Effect Level
LOEC Lowest Observed Effect Concentration
LOEL Lowest Observed Effect Level
LQ Limited Quantities
MARPOL International Convention for the Prevention of Marine Pollution from Ships
n.a. not applicable
n.av. not available
n.c. not checked
n.d.a. no data available
NIOSH National Institute of Occupational Safety and Health (United States of America)
NOAEC No Observed Adverse Effective Concentration
NOAEL No Observed Adverse Effect Level
NOEC No Observed Effect Concentration
NOEL No Observed Effect Level
ODP Ozone Depletion Potential
OECD Organisation for Economic Co-operation and Development
org. organic
PAH polycyclic aromatic hydrocarbon
PBT persistent, bioaccumulative and toxic
PC Chemical product category
PE Polyethylene
PNEC Predicted No Effect Concentration
POCP Photochemical ozone creation potential
ppm parts per million
PROC Process category
PTFE Polytetrafluoroethylene
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)
REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.
RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)
SADT Self-Accelerating Decomposition Temperature
SAR Structure Activity Relationship
SU Sector of use
SVHC Substances of Very High Concern
Tel. Telephone
ThOD Theoretical oxygen demand
TOC Total organic carbon
TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)
UN RTDG United Nations Recommendations on the Transport of Dangerous Goods
VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))
VOC Volatile organic compounds
vPvB very persistent and very bioaccumulative
WHO World Health Organization
wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.
No responsibility.

These statements were made by:
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