



Prestone



## SAFETY DATA SHEET Simoniz Shampoo & Wax

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

#### 1.1. Product identifier

<b>Product name</b>	Simoniz Shampoo & Wax
<b>Product number</b>	SAPP0058B, SAPP0801B, SAPP0112B, SAPP0057A, SAPP0094A, SAPP0058A, SAPP0059A, SAPP2801A, SAPP0161A
<b>UFI</b>	UFI: UM56-K073-C00G-UCVY
<b>REACH registration notes</b>	This is a MIXTURE; no registration information contained in this document . Holts are classed as Downstream User.

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

<b>Identified uses</b>	Car maintenance product. Auto shampoo.
------------------------	--

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

<b>Supplier</b>	Holt Lloyd Services 52 Rue des 40 Mines, 60000 – Allonne, France Phone: +33 (0)3 64 99 00 32 info@holtsauto.com
<b>Contact person</b>	Contact email address: info@holtsauto.com
<b>Manufacturer</b>	Holt Lloyd International Ltd Barton Dock Road Stretford Manchester M32 0YQ - England, UK +44 (0) 161 866 4800 FAX +44 (0) 161 866 4854 www.holtsauto.com

#### 1.4. Emergency telephone number

<b>Emergency telephone</b>	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
----------------------------	--

## Simoniz Shampoo & Wax

**National emergency telephone number** +43 1 31304 5620; chemikalien@umweltbundesamt.at (Austria)  
 +32022649636; info@poisoncentre.be (Belgium)  
 +359 2 9154 409; poison\_centre@mail.orbitel.bg (Bulgaria)  
 +38514686910; toksikologija@hzjz.hr (Croatia)  
 +35722405611; cy-chemregistry@dli.mlsi.gov.cy (Cyprus)  
 +420267082257; biocidy@mzcr.cz (Czech Republic)  
 +45 72 54 40 00; mst@mst.dk (Denmark)  
 +372 794 3500; clp@terviseamet.ee, info@terviseamet.ee (Estonia)  
 +358 5052 000; kirjaamo@tukes.fi (Finland)  
 + 33 3 83 85 21 92; bnpc@chru-nancy.fr (France)  
 +49-30-18412-0; bfr@bfr.bund.de (Germany)  
 +302106479250; +302106479450; devxp.gcsf@aade.gr, environment.gcsf@aade.gr (Greece)  
 +36 (1) 476 1135; clp.ca@nnk.gov.hu (Hungary)  
 +354 543 22 22; eitur@landspitali.is (Iceland)  
 +353 (1) 809 2166 / +353 (1) 809 2566; chemicalsinfo@beaumont.ie (Ireland)  
 +390649906140; inscweb@iss.it (Italy)  
 +371 67032600; lvgmc@lvgmc.lv (Latvia)  
 +370 70662008; aaa@aaa.am.lt (Lithuania)  
 +320 22649636; +352 24785551; info@poisoncentre.be; direction-sante@ms.etat.lu (Luxembourg)  
 +356 2395 2000; info@mccaa.org.mt (Malta)  
 +31 88 75 585 61; productnotificatie@umcutrecht.nl (The Netherlands)  
 +4573580500; produktregisteret@miljodir.no / +47 21 07 70 00; folkehelseinstituttet@fhi.no (Norway)  
 +48 42 2538 400; biuro@chemikalia.gov.pl (Poland)  
 +351 800 250 250; ciav.tox@inem.pt (Portugal)  
 +40213183606; infotox@insp.gov.ro (Romania)  
 +7 495 621 6885; +7 495 628 1687; rtiac@mail.ru; rtiac2003@yahoo.com (Russia)  
 +421 2 5465 2307; ntic@ntic.sk (Slovakia)  
 + 386 1 522 1293; gp.ukc@kclj.si (Slovenia)  
 +34 917689800; intcf.doc@justicia.es (Spain)  
 +46104566750; giftinformation@gic.se (Sweden)  
 +44 121 507 4123; allistervale@npis.org, sallybradberry@npis.org (UK)

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Not Classified

#### 2.2. Label elements

##### Hazard pictograms



Signal word	Danger
Hazard statements	EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE, 2-Methyl-4-isothiazolin-3-one. May produce an allergic reaction. H318 Causes serious eye damage.

## Simoniz Shampoo & Wax

<b>Precautionary statements</b>	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P102 Keep out of reach of children.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>UFI</b>	UFI: UM56-K073-C00G-UCVY
<b>Contains</b>	Alcohols, C10-16, ethoxylated, sulfates, sodium salts, Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts
<b>Detergent labelling</b>	< 5% amphoteric surfactants, < 5% anionic surfactants, < 5% perfumes, Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE, 2-Methylisothiazolin-3-one

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>Alcohols, C10-16, ethoxylated, sulfates, sodium salts</b>	<b>1-5%</b>
CAS number: 68585-34-2                      EC number: 500-223-8	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
<b>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</b>	<b>1-5%</b>
CAS number: 68411-30-3                      EC number: 270-115-0                      REACH registration number: 01-2119489428-22-XXXX	
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
<b>PROPAN-2-OL</b>	<b>&lt;1%</b>
CAS number: 67-63-0                      EC number: 200-661-7                      REACH registration number: 01-2119457558-25-XXXX	
<b>Classification</b> Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	

## Simoniz Shampoo & Wax

<b>1,2-BENZISOTHIAZOL-3(2H)-ONE</b>		<b>&lt;1%</b>
CAS number: 2634-33-5	EC number: 220-120-9	REACH registration number: 01-2120761540-60-XXXX
M factor (Acute) = 1		
<b>Classification</b>		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		
<b>2-Methyl-4-isothiazolin-3-one</b>		<b>&lt;1%</b>
CAS number: 2682-20-4	EC number: 220-239-6	REACH registration number: 01-2120764690-50-XXXX
M factor (Acute) = 1	M factor (Chronic) = 1	
<b>Classification</b>		
Acute Tox. 3 - H301		
Acute Tox. 3 - H311		
Acute Tox. 2 - H330		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Skin Sens. 1A - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		
<b>SODIUM HYDROXIDE</b>		<b>&lt;1%</b>
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX
<b>Classification</b>		
Skin Corr. 1A - H314		
Eye Dam. 1 - H318		

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	Unlikely route of exposure as the product does not contain volatile substances.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

## Simoniz Shampoo & Wax

**Eye contact** Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Remove any contact lenses and open eyelids wide apart.

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

**General information** The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation** This is unlikely to occur but symptoms similar to those of ingestion may develop.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Skin irritation. Prolonged skin contact may cause redness and irritation.

**Eye contact** Irritation of eyes and mucous membranes. Prolonged contact may cause redness and/or tearing.

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

**Notes for the doctor** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

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

**Specific hazards** In case of fire, toxic and corrosive gases may be formed. No unusual fire or explosion hazards noted.

**Hazardous combustion products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

## Simoniz Shampoo & Wax

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

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

**Storage precautions** Keep only in the original container. Keep away from food, drink and animal feeding stuffs. Store in a cool and well-ventilated place.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### **8.1. Control parameters**

#### Occupational exposure limits

##### **PROPAN-2-OL**

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

##### **SODIUM HYDROXIDE**

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (CAS: 68411-30-3)**

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 7.6 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 119 mg/kg/day General population - Inhalation; Long term systemic effects: 1.3 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 42.5 mg/kg/day General population - Oral; Long term systemic effects: 0.425 mg/kg/day
<b>PNEC</b>	Fresh water; 0.268 mg/l marine water; 0.027 mg/l STP; 3.43 mg/l Sediment (Freshwater); 8.1 mg/l Sediment (Marinewater); 6.8 mg/kg sediment dry weight Soil; 35 mg/kg soil dry weight

#### **PROPAN-2-OL (CAS: 67-63-0)**

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 500 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 888 mg/kg/day General population - Inhalation; Long term systemic effects: 89 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 319 mg/kg/day General population - Oral; Long term systemic effects: 26 mg/kg/day
<b>PNEC</b>	Fresh water; Long term 140.9 mg/l marine water; Long term 140.9 mg/l Sediment (Freshwater); Long term 552 mg/kg sediment dry weight Sediment (Marinewater); Long term 552 mg/kg sediment dry weight Soil; Long term 28 mg/kg soil dry weight

#### **1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)**

## Simoniz Shampoo & Wax

**DNEL** Workers - Inhalation; Long term systemic effects: 6.81 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 0.966 mg/kg bw/day  
 General population - Inhalation; Long term systemic effects: 1.2 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 0.345 mg/kg bw/day

**PNEC** Fresh water; Long term 4.03 µg/l  
 Fresh water; Long term 0.403 µg/l  
 STP; Long term 1.03 mg/l  
 Sediment (Freshwater); Long term 49.9 µg/kg sediment dw  
 Sediment (Marinewater); Long term 4.99 µg/kg sediment dw  
 Soil; Long term 3 mg/kg soil dry weight

### 2-Methyl-4-isothiazolin-3-one (CAS: 2682-20-4)

**DNEL** Workers - Inhalation; Long term local effects: 0.021 mg/m<sup>3</sup>  
 Workers - Inhalation; Short term local effects: 0.043 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 0.021 mg/m<sup>3</sup>  
 General population - Inhalation; Short term local effects: 0.043 mg/m<sup>3</sup>  
 General population - Oral; Long term systemic effects: 0.027 mg/kg bw/day

**PNEC** Fresh water; Long term 3.39 µg/l  
 marine water; Long term 3.39 µg/l  
 STP; Long term 0.23 mg/l  
 Soil; Long term 0.047 mg/kg soil dry weight

### SODIUM HYDROXIDE (CAS: 1310-73-2)

**DNEL** Workers - Inhalation; Long term local effects: 1 mg/m<sup>3</sup>  
 General population - Dermal; Long term local effects: 1 mg/m<sup>3</sup>

## 8.2. Exposure controls

### Protective equipment



**Appropriate engineering controls**

No specific ventilation requirements.

**Eye/face protection**

Wear chemical splash goggles.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection**

Wear appropriate clothing to prevent reasonably probable skin contact.

**Hygiene measures**

Wash hands after handling.

**Respiratory protection**

Respiratory protection not required.

## **SECTION 9: Physical and chemical properties**

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

**Appearance** Coloured liquid.  
**Colour** Yellow.  
**Odour** Lemon.

## Simoniz Shampoo & Wax

<b>pH</b>	pH (concentrated solution): 6.8 - 8.5
<b>Flash point</b>	Not relevant.
<b>Relative density</b>	1.005 @ 20°C
<b>Solubility(ies)</b>	Miscible with water.
<b>Viscosity</b>	350 - 750 cP @ 20°C

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

##### 10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

##### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not applicable. Will not polymerise.

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat. Avoid freezing.

##### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

**Toxicological effects** Information given is based on data of the components and of similar products.

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 86,400.0

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

##### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.



## Simoniz Shampoo & Wax

### Skin sensitisation

**Skin sensitisation** May cause sensitisation or allergic reactions in sensitive individuals.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Does not contain any substances known to be toxic to reproduction.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No information available.

### Aspiration hazard

**Aspiration hazard** Not relevant.

**Inhalation** This is unlikely to occur but symptoms similar to those of ingestion may develop.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** May cause sensitisation or allergic reactions in sensitive individuals.

**Eye contact** Causes serious eye damage. Prolonged contact causes serious eye and tissue damage.

**Route of exposure** Skin and/or eye contact

### Toxicological information on ingredients.

#### Alcohols, C10-16, ethoxylated, sulfates, sodium salts

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 4100 mg/kg, Oral, Rat

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> > 2000 mg/kg, Dermal, Rat

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** No information available.

##### Skin corrosion/irritation

**Skin corrosion/irritation** Causes skin irritation.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

##### Respiratory sensitisation

**Respiratory sensitisation** Not sensitising.

## Simoniz Shampoo & Wax

### Skin sensitisation

**Skin sensitisation** - Guinea pig: Not sensitising.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Ames test: Negative.

**Genotoxicity - in vivo** No information available.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Fertility - NOAEL > 300 mg/kg, Oral, Rat Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Developmental toxicity: - NOAEL: > 1000 mg/kg, Oral, Rat No evidence of reproductive toxicity in animal studies.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL > 225 mg/kg, Oral, Rat Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not relevant.

### Inhalation

Gas or vapour in high concentrations may irritate the respiratory system.

### Ingestion

May cause burns in mucous membranes, throat, oesophagus and stomach.

### Skin contact

Causes skin irritation.

### Eye contact

Causes serious eye damage.

### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 1,080.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 1080 mg/kg, Oral, Rat

**ATE oral (mg/kg)** 1,080.0

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> > 2000 mg/kg, Dermal, Rat

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LOAEC 260 mg/m<sup>3</sup>, Inhalation, Rat

### Skin corrosion/irritation

**Skin corrosion/irritation** Causes skin irritation.

## Simoniz Shampoo & Wax

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

### Respiratory sensitisation

**Respiratory sensitisation** No information available.

### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

**Genotoxicity - in vivo** Negative.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Three-generation study - NOAEL 350 mg/kg/day, Oral, Rat F1, F2

**Reproductive toxicity - development** Developmental toxicity: - NOAEL: 300 mg/kg/day, Oral, Rat

### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not relevant.

**Inhalation** No specific health hazards known.

**Ingestion** May be harmful if swallowed.

**Skin contact** Causes skin irritation.

**Eye contact** Causes serious eye damage.

### PROPAN-2-OL

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,045.0

**Species** Rat

**ATE oral (mg/kg)** 5,045.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 12,800.0

**Species** Rabbit

## Simoniz Shampoo & Wax

### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 20.0

Species Rat

### Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

### Respiratory sensitisation

Respiratory sensitisation Not sensitising.

### Skin sensitisation

Skin sensitisation Not sensitising.

### Germ cell mutagenicity

Genotoxicity - in vitro Does not contain any substances known to be mutagenic.

### Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development This substance has no evidence of toxicity to reproduction.

### Specific target organ toxicity - single exposure

STOT - single exposure Brain damage. Central and/or peripheral nervous system damage.

### Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

### Aspiration hazard

Aspiration hazard Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

## 1,2-BENZISOTHIAZOL-3(2H)-ONE

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 1,020.0

Species Rat

Notes (oral LD<sub>50</sub>) LD<sub>50</sub> 490 mg/kg, Oral, Rat

ATE oral (mg/kg) 500.0

### Acute toxicity - dermal

## Simoniz Shampoo & Wax

<b>Notes (dermal LD<sub>50</sub>)</b>	LD <sub>50</sub> > 2000 mg/kg, Dermal, Rat NOAEL 2000 mg/kg, Dermal, Rat
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	No specific test data are available.
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes serious eye damage.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	May cause an allergic skin reaction.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Negative.
<b>Genotoxicity - in vivo</b>	Negative.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	No information available.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Two-generation study - NOAEL 112 mg/kg/day, Oral, Rat P Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	No information available.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	No information available.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.

### 2-Methyl-4-isothiazolin-3-one

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	235.0
<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	235.0
<b><u>Acute toxicity - dermal</u></b>	
<b>ATE dermal (mg/kg)</b>	300.0
<b><u>Acute toxicity - inhalation</u></b>	

## Simoniz Shampoo & Wax

<b>ATE inhalation (gases ppm)</b>	100.0
<b>ATE inhalation (vapours mg/l)</b>	0.5
<b>ATE inhalation (dusts/mists mg/l)</b>	0.05
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Causes severe burns.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes serious eye damage.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	May cause an allergic skin reaction.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Negative.
<b>Genotoxicity - in vivo</b>	Negative.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	NOAEL 3.1 mg/kg/day, Oral, Rat NOAEL 400 mg/kg/day, Dermal, Mouse Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Two-generation study - NOAEL 69 mg/kg/day, Oral, Rat F0 Two-generation study - NOAEL 30 mg/kg/day, Oral, Rabbit Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Developmental toxicity: - NOAEL: 40 mg/kg/day, Oral, Rat Maternal toxicity: - NOAEL: 10 mg/kg/day, Oral, Rabbit Developmental toxicity: - NOAEL: 30 mg/kg/day, Oral, Rabbit Does not contain any substances known to be toxic to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.

### SODIUM HYDROXIDE

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	500.0
<b>Species</b>	Rat

## Simoniz Shampoo & Wax

<b>Notes (oral LD<sub>50</sub>)</b>	Not applicable. REACH dossier information.
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Not applicable. REACH dossier information.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Not applicable. REACH dossier information.
<b><u>Skin corrosion/irritation</u></b>	
<b>Skin corrosion/irritation</b>	Causes severe burns.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Causes serious eye damage.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Negative.
<b>Genotoxicity - in vivo</b>	Negative.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Scientifically unjustified. REACH dossier information.
<b>Reproductive toxicity - development</b>	This substance has no evidence of toxicity to reproduction.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.

### SECTION 12: Ecological information

**Ecotoxicity** The product is not expected to be toxic to aquatic organisms.

#### Ecological information on ingredients.

##### Alcohols, C10-16, ethoxylated, sulfates, sodium salts

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

##### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

## Simoniz Shampoo & Wax

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

### 12.1. Toxicity

#### Ecological information on ingredients.

#### Alcohols, C10-16, ethoxylated, sulfates, sodium salts

##### Acute aquatic toxicity

##### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: 7.1 mg/l,

##### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 7.4 mg/l, Daphnia magna

##### Acute toxicity - aquatic plants

EC<sub>50</sub>, 72 hours: 27.7 mg/l, Algae  
NOEC, 72 hours: 0.95 mg/l, Algae

#### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

##### Acute aquatic toxicity

##### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: 1.67 mg/l, Lepomis macrochirus (Bluegill)

##### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 2.9 mg/l, Freshwater invertebrates

##### Acute toxicity - aquatic plants

EC<sub>50</sub>, 96 hours: 0.91 mg/l, Algae

##### Acute toxicity - microorganisms

Not available.

##### Acute toxicity - terrestrial

LC<sub>50</sub>, 14 days: > 1000 mg/kg, Eisenia Fetida (Earthworm)  
NOEC, 14 days: 250 mg/kg, Eisenia Fetida (Earthworm)

#### PROPAN-2-OL

##### Acute aquatic toxicity

##### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

##### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 24 hours: > 10000 mg/l, Daphnia magna

##### Acute toxicity - aquatic plants

EC<sub>50</sub>, 7 days: 180 mg/l, Selenastrum capricornutum

#### 1,2-BENZISOTHIAZOL-3(2H)-ONE

##### Acute aquatic toxicity

##### LE(C)<sub>50</sub>

0.1 < L(E)C<sub>50</sub> ≤ 1

##### M factor (Acute)

1

##### Acute toxicity - fish

LC<sub>50</sub>, 96 hours: 2.15 mg/l, Cyprinodon variegatus (Sheepshead minnow)

##### Acute toxicity - aquatic invertebrates

EC<sub>50</sub>, 48 hours: 2.94 mg/l, Daphnia magna

##### Acute toxicity - aquatic plants

EC<sub>50</sub>, 72 hours: 110 µg/l, Selenastrum capricornutum  
NOEC, 72 hours: 40.3 µg/l, Selenastrum capricornutum



## Simoniz Shampoo & Wax

<b>Acute toxicity - microorganisms</b>	EC <sub>50</sub> , 3 hours: 13 mg/l, Activated sludge NOEC, 3 hours: 11 mg/l, Activated sludge
<b>Acute toxicity - terrestrial</b>	EC <sub>50</sub> , 14 days: 410.6 mg/kg/day, Eisenia Fetida (Earthworm) NOEC, 14 days: 234.5 mg/kg/day, Eisenia Fetida (Earthworm)

### 2-Methyl-4-isothiazolin-3-one

#### Acute aquatic toxicity

<b>LE(C)<sub>50</sub></b>	0.1 < L(E)C <sub>50</sub> ≤ 1
<b>M factor (Acute)</b>	1
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 4.77 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 0.934 mg/l, Daphnia magna NOEC, 48 hours: < 0.275 mg/l, Daphnia magna LC <sub>50</sub> , 96 hours: 1.81 mg/l, Marinewater invertebrates, Mysid shrimp, Americamysis bahia NOEC, 96 hours: 1.3 mg/l, Marinewater invertebrates, Mysid shrimp, Americamysis bahia
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 0.103 mg/l, Selenastrum capricornutum NOEC, 72 hours: 0.05 mg/l, Selenastrum capricornutum EC <sub>50</sub> , 72 hours: 0.072 mg/l, Marinewater algae, Skeletonema costatum NOEC, 72 hours: 0.072 mg/l, Marinewater algae, Skeletonema costatum
<b>Acute toxicity - microorganisms</b>	EC <sub>50</sub> , 3 hours: 41 mg/l, Activated sludge
<b><u>Chronic aquatic toxicity</u></b>	
<b>M factor (Chronic)</b>	1
<b>Chronic toxicity - fish early life stage</b>	NOEC, 33 days: 2.1 mg/l, Pimephales promelas (Fat-head Minnow)
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 21 days: 0.044 mg/l, Daphnia magna

### SODIUM HYDROXIDE

#### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 33-189 hours: 96 mg/l, Fish LC <sub>50</sub> , 45.5 hours: 96 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	LC <sub>50</sub> , 48 hours: 30 - < 1000 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	Scientifically unjustified.
<b>Acute toxicity - microorganisms</b>	EC <sub>10</sub> , 2 minutes: 161 mg/l, Tetrahymena Thermophila EC <sub>50</sub> , 15 minutes: 22 mg/l, Photobacterium phosphoreum luminescence inhibition study
<b><u>Chronic aquatic toxicity</u></b>	
<b>Chronic toxicity - fish early life stage</b>	Not available.

## Simoniz Shampoo & Wax

**Short term toxicity - embryo and sac fry stages** Not available.

**Chronic toxicity - aquatic invertebrates** Not applicable.

### 12.2. Persistence and degradability

**Persistence and degradability** The product is biodegradable.

#### Ecological information on ingredients.

##### Alcohols, C10-16, ethoxylated, sulfates, sodium salts

**Persistence and degradability** The substance is readily biodegradable. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

##### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

**Persistence and degradability** Rapidly degradable

##### PROPAN-2-OL

**Persistence and degradability** Rapidly degradable

##### 1,2-BENZISOTHIAZOL-3(2H)-ONE

**Persistence and degradability** Not readily biodegradable.

**Phototransformation** Calculation method.  
- Half-life, DT<sub>50</sub> : 7,568 hours

##### 2-Methyl-4-isothiazolin-3-one

**Persistence and degradability** Not readily biodegradable.

**Phototransformation** Calculation method.  
- Half-life : 14.35 hours

##### SODIUM HYDROXIDE

**Persistence and degradability** No data available.

**Stability (hydrolysis)** Scientifically unjustified.  
REACH dossier information.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

#### Ecological information on ingredients.

## Simoniz Shampoo & Wax

### Alcohols, C10-16, ethoxylated, sulfates, sodium salts

**Bioaccumulative potential** BCF < 3 The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** log Pow: 0.3

### PROPAN-2-OL

**Bioaccumulative potential** No potential for bioaccumulation.

**Partition coefficient** log Pow: 0.05

### 1,2-BENZISOTHIAZOL-3(2H)-ONE

**Bioaccumulative potential** Bioaccumulation is unlikely.

### 2-Methyl-4-isothiazolin-3-one

**Bioaccumulative potential** Bioaccumulation is unlikely.

**Partition coefficient** log Kow: -0.486

### SODIUM HYDROXIDE

**Bioaccumulative potential** No potential for bioaccumulation.

**Partition coefficient** No information required. REACH dossier information.

#### 12.4. Mobility in soil

**Mobility** The product contains substances which are water-soluble and may spread in water systems.

#### Ecological information on ingredients.

### Alcohols, C10-16, ethoxylated, sulfates, sodium salts

**Mobility** The product is soluble in water.

### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

**Mobility** The product is soluble in water.

### PROPAN-2-OL

**Mobility** Mobile.

**Surface tension** 22.7 mN/m @ 20°C

### 1,2-BENZISOTHIAZOL-3(2H)-ONE

**Adsorption/desorption coefficient** Soil - Log Koc: 9.33 @ 20°C

### 2-Methyl-4-isothiazolin-3-one

**Adsorption/desorption coefficient** - Koc: 6 - 10 @ 20 - 25°C

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

## Simoniz Shampoo & Wax

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Ecological information on ingredients.

#### Alcohols, C10-16, ethoxylated, sulfates, sodium salts

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### PROPAN-2-OL

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 1,2-BENZISOTHIAZOL-3(2H)-ONE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 2-Methyl-4-isothiazolin-3-one

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### SODIUM HYDROXIDE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## **SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

## Simoniz Shampoo & Wax

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

#### **Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

## **SECTION 15: Regulatory information**

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

<b>National regulations</b>	EH40/2005 Workplace exposure limits.
<b>EU legislation</b>	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). Commission Regulation (EU) No 2015/830 of 28 May 2015. 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).
<b>Authorisations (Annex XIV Regulation 1907/2006)</b>	No specific authorisations are known for this product.
<b>Restrictions (Annex XVII Regulation 1907/2006)</b>	No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## **SECTION 16: Other information**

## Simoniz Shampoo & Wax

### Abbreviations and acronyms used in the safety data sheet

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

BOD: Biochemical Oxygen Demand.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

EC<sub>50</sub>: 50% of maximal Effective Concentration.

GHS: Globally Harmonized System.

IARC: International Agency for Research on Cancer.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

LOAEC: Lowest Observed Adverse Effect Concentration.

LOAEL: Lowest Observed Adverse Effect Level.

LOEC: Lowest Observed Effect Concentration.

NOAEC: No Observed Adverse Effect Concentration.

NOAEL: No Observed Adverse Effect Level.

NOEC: No Observed Effect Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

SVHC: Substances of Very High Concern.

UVCB - Unknown or variable composition, complex reaction products or Biological materials.

vPvB: Very Persistent and Very Bioaccumulative.

### Classification procedures according to Regulation (EC) 1272/2008

Eye Dam. 1 - H318: Calculation method.

Issued by	Regulatory Specialist
Revision date	16/12/2021
Revision	4
Supersedes date	04/06/2021
SDS number	14813

## Simoniz Shampoo & Wax

### Hazard statements in full

H225 Highly flammable liquid and vapour.  
H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H311 Toxic 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.  
H336 May cause drowsiness or dizziness.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.  
EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE, 2-Methyl-4-isothiazolin-3-one. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.