



## SAFETY DATA SHEET

### Simoniz Scratch and Swirl Remover

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

##### 1.1. Product identifier

<b>Product name</b>	Simoniz Scratch and Swirl Remover
<b>Product number</b>	SAPP0187A
<b>Internal identification</b>	NQA2247
<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.
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##### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</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
<b>Contact person</b>	Contact Email address: info@holtsauto.com

##### 1.4. Emergency telephone number

<b>Emergency telephone</b>	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
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<b>National emergency telephone number</b>	National Poisons Information Service City Hospital, Birmingham B187QH, United Kingdom Telephone: +44 121 507 4123 Email: allistervale@npis.org, sallybradberrry@npis.org  www.npis.org
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#### SECTION 2: Hazards identification

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

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

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Not Classified
<b>Environmental hazards</b>	Not Classified

##### 2.2. Label elements

<b>Hazard statements</b>	EUH208 Contains 1,2-BENZISOTHIAZOLIN-3-ONE. May produce an allergic reaction.
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## Simoniz Scratch and Swirl Remover

**Precautionary statements** P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>Triethanolamine</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 102-71-6                      EC number: 203-049-8                      REACH registration number: 01-2119486482-31-XXXX
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335
<b>Glycerine</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 56-81-5                      EC number: 200-289-5                      REACH registration number: 01-2119471987-18-XXXX
<b>Classification</b> Not Classified
<b>PROPYLENE GLYCOL</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 57-55-6                      EC number: 200-338-0                      REACH registration number: 01-2119456809-23-XXXX
<b>Classification</b> Not Classified
<b>1,2-BENZISOTHIAZOLIN-3-ONE</b> <span style="float: right;"><b>&lt;1%</b></span> CAS number: 2634-33-5                      EC number: 220-120-9                      REACH registration number: 01-2120761540-60-XXXX  M factor (Acute) = 10
<b>Classification</b> Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400

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<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		

  

<b>DIETHANOLAMINE</b>		<b>&lt;1%</b>
CAS number: 111-42-2	EC number: 203-868-0	REACH registration number: 01-2119488930-28-XXXX
<b>Classification</b>		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
STOT RE 2 - H373		

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.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	This is unlikely to occur but symptoms similar to those of ingestion may develop.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May be slightly irritating to skin. Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	May be slightly irritating to eyes. Prolonged contact may cause redness and/or tearing.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.
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## Simoniz Scratch and Swirl Remover

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

<b>Specific hazards</b>	Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials.

## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	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.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Avoid spilling. Avoid contact with skin and eyes.
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### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Store in a cool and well-ventilated place. Keep only in the original container. Keep away from food, drink and animal feeding stuffs.
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<b>Storage class</b>	Chemical storage.
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### 7.3. Specific end use(s)

<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.2.
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## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### **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.

**Triethanolamine (CAS: 102-71-6)**

## Simoniz Scratch and Swirl Remover

**DNEL**

Workers - Inhalation; Long term local effects: 1 mg/m<sup>3</sup>  
 Workers - Dermal; Long term systemic effects: 7.5 mg/kg bw/day  
 Workers - Dermal; Long term local effects: 140 µg/cm<sup>2</sup>  
 General population - Inhalation; Long term local effects: 0.4 mg/m<sup>3</sup>  
 General population - Dermal; Long term systemic effects: 2.66 mg/kg bw/day  
 General population - Dermal; Long term local effects: 70 µg/cm<sup>2</sup>  
 General population - Oral; Long term systemic effects: 3.3 mg/kg bw/day

**PNEC**

Fresh water; Long term 0.32 mg/l  
 marine water; Long term 0.032 mg/l  
 STP; Long term 10 mg/l  
 Sediment (Freshwater); Long term 1.7 mg/kg sediment dw  
 Sediment (Marinewater); Long term 0.17 mg/kg sediment dw  
 Soil; Long term 0.151 mg/kg soil dw

### Glycerine (CAS: 56-81-5)

**DNEL**

Workers - Inhalation; Long term local effects: 56 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 33 mg/m<sup>3</sup>  
 General population - Oral; Long term systemic effects: 229 mg/kg bw/day

**PNEC**

Fresh water; 0.885 mg/l  
 marine water; 0.088 mg/l  
 STP; 1000 mg/l  
 Sediment (Freshwater); 3.3 mg/kg sediment dw  
 Sediment (Marinewater); 0.33 mg/kg sediment dw  
 Soil; 0.141 mg/kg soil dw

### PROPYLENE GLYCOL (CAS: 57-55-6)

**DNEL**

Workers - Inhalation; Long term systemic effects: 168 mg/m<sup>3</sup>  
 Workers - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>  
 General population - Inhalation; Long term systemic effects: 50 mg/m<sup>3</sup>  
 General population - Inhalation; Long term local effects: 10 mg/m<sup>3</sup>

**PNEC**

Fresh water; 260 mg/l  
 Intermittent release; 183 (freshwater) mg/l  
 marine water; 26 mg/l  
 STP; 20000 mg/l  
 Sediment (Freshwater); 572 mg/kg sediment dw  
 Sediment (Marinewater); 57.2 mg/kg sediment dw  
 Soil; 50 mg/kg soil dw

### 1,2-BENZISOTHIAZOLIN-3-ONE (CAS: 2634-33-5)

**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 dw

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### 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>

### DIETHANOLAMINE (CAS: 111-42-2)

**DNEL** Workers - Inhalation; Long term systemic effects: 0.75 mg/m<sup>3</sup>  
Workers - Inhalation; Long term local effects: 0.5 mg/m<sup>3</sup>  
Workers - Dermal; Long term systemic effects: 0.13 mg/kg bw/day  
General population - Inhalation; Long term systemic effects: 0.125 mg/m<sup>3</sup>  
General population - Dermal; Long term systemic effects: 0.07 mg/kg bw/day  
General population - Oral; Long term systemic effects: 0.06 mg/kg bw/day

**PNEC** Fresh water; Long term 0.021 mg/l  
marine water; Long term 0.002 mg/l  
STP; Long term 100 mg/l  
Sediment (Freshwater); Long term 0.092 mg/kg sediment dw  
Sediment (Marinewater); Long term 0.009 mg/kg sediment dw  
Soil; Long term 1.63 mg/kg soil dw

## 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. To protect hands from chemicals, gloves should comply with European Standard EN374.

### Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

### Hygiene measures

Wash hands thoroughly after handling.

### Respiratory protection

Respiratory protection not required.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Viscous, cloudy liquid.
<b>Colour</b>	Beige.
<b>Odour</b>	Characteristic.
<b>pH</b>	pH (concentrated solution): 8.8
<b>Flash point</b>	Not applicable.
<b>Relative density</b>	1.195 @ 20°C
<b>Solubility(ies)</b>	Miscible with water.
<b>Viscosity</b>	3600 cP @ 20°C

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### 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. Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

##### Acute toxicity - oral

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

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

##### Respiratory sensitisation

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

##### Skin sensitisation

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

##### 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

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

### 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 be slightly irritating to skin. Prolonged skin contact may cause redness and irritation.

**Eye contact** May be slightly irritating to eyes. Prolonged contact may cause redness and/or tearing.

### Toxicological information on ingredients.

#### Triethanolamine

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 6400 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>)** Scientifically unjustified.

##### Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

##### Respiratory sensitisation

**Respiratory sensitisation** No information available.

##### Skin sensitisation

**Skin sensitisation** Not sensitising.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

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

##### Carcinogenicity

**Carcinogenicity** NOAEL 1333 mg/kg/day, Oral, Rat

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### Reproductive toxicity

**Reproductive toxicity - fertility** Two-generation study - NOAEL 300 mg/kg/day, Oral, Rat F0 Two-generation study - NOAEL 1000 mg/kg/day, Oral, Rat F1

**Reproductive toxicity - development** Developmental toxicity: - NOAEL: 300 (prenatal) mg/kg/day, Oral, Rat  
Developmental toxicity: - NOAEL: 1000 (offspring) mg/kg/day, Oral, Rat  
Developmental toxicity:, Teratogenicity: - NOAEL: 1125 mg/kg/day, Oral, Mouse

### 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.

## PROPYLENE GLYCOL

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 22000 mg/kg, Oral, Rat

### 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>)** No information available.

### Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Respiratory sensitisation** Scientifically unjustified.

### Skin sensitisation

**Skin sensitisation** Not sensitising.

### 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** Two-generation study - NOAEL 10100 mg/kg bw/day, Oral, Mouse F1, F2

**Reproductive toxicity - development** - NOAEL: 10400 mg/kg bw/day, Oral, Mouse

### Specific target organ toxicity - single exposure

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**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.

## 1,2-BENZISOTHIAZOLIN-3-ONE

### Acute toxicity - oral

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

### Acute toxicity - dermal

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

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** No specific test data are 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** No information available.

### Skin sensitisation

**Skin sensitisation** May cause an allergic skin reaction.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

**Genotoxicity - in vivo** Negative.

### Carcinogenicity

**Carcinogenicity** No information available.

### Reproductive toxicity

**Reproductive toxicity - fertility** Two-generation study - NOAEL 112 mg/kg/day, Oral, Rat P 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** No information available.

### Specific target organ toxicity - repeated exposure

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

### Aspiration hazard

**Aspiration hazard** Not relevant.

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### SODIUM HYDROXIDE

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 500.0

Species Rat

Notes (oral LD<sub>50</sub>) Not applicable. REACH dossier information.

#### Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Not applicable. REACH dossier information.

#### Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>) Not applicable. REACH dossier information.

#### Skin corrosion/irritation

Skin corrosion/irritation Causes severe burns.

#### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

#### Respiratory sensitisation

Respiratory sensitisation No information available.

#### Skin sensitisation

Skin sensitisation Not sensitising.

#### 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 Scientifically unjustified. REACH dossier information.

Reproductive toxicity - development This substance has no evidence of toxicity 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 Based on available data the classification criteria are not met.

#### Aspiration hazard

Aspiration hazard Not relevant.

### DIETHANOLAMINE

#### Acute toxicity - oral

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<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	1,100.0
<b>Species</b>	Rat
<b>Notes (oral LD<sub>50</sub>)</b>	Harmful if swallowed.
<b>ATE oral (mg/kg)</b>	500.0
<b><u>Acute toxicity - dermal</u></b>	
<b>Notes (dermal LD<sub>50</sub>)</b>	Not 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>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Negative with metabolic activation. Negative without metabolic activation.
<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>	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>	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>	Central and/or peripheral nervous system damage. Liver and/or kidney damage.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not relevant.

### SECTION 12: Ecological information

**Ecotoxicity** No information available.

#### 12.1. Toxicity

##### Acute aquatic toxicity

**Acute toxicity - fish** No information available.

**Acute toxicity - aquatic invertebrates** Not available.

**Acute toxicity - aquatic plants** Not available.

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**Acute toxicity - microorganisms** Not available.

**Acute toxicity - terrestrial** Not available.

### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** Not available.

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

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

### Ecological information on ingredients.

#### Triethanolamine

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 11800 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 609.88 mg/l, Ceriodaphnia dubia

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 512 mg/l, Desmodemus subspicatus  
EC<sub>10</sub>, NOEC, 72 hours: 26 mg/l, Desmodemus subspicatus

**Acute toxicity - microorganisms** EC<sub>50</sub>, 3 hours: 1000 mg/l, Activated sludge

##### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** NOEC, : > 1 mg/l, QSAR

**Chronic toxicity - aquatic invertebrates** EC<sub>10</sub>, LC<sub>10</sub>, NOEC, 21 days: 16 mg/l, Daphnia magna

#### PROPYLENE GLYCOL

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 40613 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 18340 mg/l, Freshwater invertebrates, Ceriodaphnia dubia  
EC<sub>50</sub>, 48 hours: 18800 mg/l, Marinewater invertebrates, Americamysis bahia

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 96 hours: 19000 mg/l, Freshwater algae, Pseudokirchneriella subcapitata  
EC<sub>50</sub>, 96 hours: 19100 mg/l, Marinewater algae, Skeletonema costatum

**Acute toxicity - microorganisms** NOEC, 18 hours: > 20000 mg/l, Pseudomonas putida

##### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** ChV, 30 days: 2500 mg/l, QSAR

**Chronic toxicity - aquatic invertebrates** EC<sub>10</sub>, LC<sub>10</sub>, NOEC, 7 days: 13020 mg/l, Ceriodaphnia dubia

#### 1,2-BENZISOTHIAZOLIN-3-ONE

## Simoniz Scratch and Swirl Remover

### Acute aquatic toxicity

<b>LE(C)<sub>50</sub></b>	0.01 < L(E)C <sub>50</sub> ≤ 0.1
<b>M factor (Acute)</b>	10
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 2.15 mg/l, Cyprinodon variegatus (Sheepshead minnow)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 2.94 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 110 µg/l, Selenastrum capricornutum NOEC, 72 hours: 40.3 µg/l, Selenastrum capricornutum
<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)

### 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

### Chronic aquatic toxicity

<b>Chronic toxicity - fish early life stage</b>	Not available.
<b>Short term toxicity - embryo and sac fry stages</b>	Not available.
<b>Chronic toxicity - aquatic invertebrates</b>	Not applicable.

### DIETHANOLAMINE

### Acute aquatic toxicity

<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 460 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 30.1 mg/l, Ceriodaphnia dubia
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 9.5 mg/l, Pseudokirchneriella subcapitata
<b>Acute toxicity - microorganisms</b>	EC <sub>10</sub> , 30 minutes: > 1000 mg/l, Activated sludge

### Chronic aquatic toxicity

## Simoniz Scratch and Swirl Remover

**Chronic toxicity - aquatic invertebrates** NOEC, 21 days: 1.05 mg/l, Daphnia magna

### 12.2. Persistence and degradability

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

#### Ecological information on ingredients.

##### Triethanolamine

**Persistence and degradability** Rapidly degradable

##### PROPYLENE GLYCOL

**Persistence and degradability** Rapidly degradable 81-97% 28 days

##### 1,2-BENZISOTHIAZOLIN-3-ONE

**Persistence and degradability** Not readily biodegradable.

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

##### SODIUM HYDROXIDE

**Persistence and degradability** No data available.

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

##### DIETHANOLAMINE

**Biodegradation** Rapidly degradable

### 12.3. Bioaccumulative potential

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

#### Ecological information on ingredients.

##### Triethanolamine

**Bioaccumulative potential** Bioaccumulation is unlikely.

**Partition coefficient** log Pow: -2.3

##### PROPYLENE GLYCOL

**Partition coefficient** log Pow: -1.07

##### 1,2-BENZISOTHIAZOLIN-3-ONE

**Bioaccumulative potential** Bioaccumulation is unlikely.

##### SODIUM HYDROXIDE

## Simoniz Scratch and Swirl Remover

**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.

#### Triethanolamine

**Adsorption/desorption coefficient** Based on available data the classification criteria are not met.

#### PROPYLENE GLYCOL

**Adsorption/desorption coefficient** Expected to have a low potential for adsorption.

#### 1,2-BENZISOTHIAZOLIN-3-ONE

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

### 12.5. Results of PBT and vPvB assessment

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

### Ecological information on ingredients.

#### Triethanolamine

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

#### PROPYLENE GLYCOL

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

#### 1,2-BENZISOTHIAZOLIN-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.

#### DIETHANOLAMINE

**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.

## Simoniz Scratch and Swirl Remover

### 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.

#### 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

##### **EU legislation**

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).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.

##### **Authorisations (Annex XIV Regulation 1907/2006)**

No specific authorisations are known for this product.

##### **Restrictions (Annex XVII Regulation 1907/2006)**

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 Scratch and Swirl Remover

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>BOD: Biochemical Oxygen Demand.</p> <p>CAS: Chemical Abstracts Service.</p> <p>DNEL: Derived No Effect Level.</p> <p>EC<sub>50</sub>: 50% of maximal Effective Concentration.</p> <p>GHS: Globally Harmonized System.</p> <p>IARC: International Agency for Research on Cancer.</p> <p>IATA: International Air Transport Association.</p> <p>ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.</p> <p>LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).</p> <p>LOAEC: Lowest Observed Adverse Effect Concentration.</p> <p>LOAEL: Lowest Observed Adverse Effect Level.</p> <p>NOAEC: No Observed Adverse Effect Concentration.</p> <p>NOAEL: No Observed Adverse Effect Level.</p> <p>NOEC: No Observed Effect Concentration.</p> <p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>PNEC: Predicted No Effect Concentration.</p> <p>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.</p> <p>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.</p> <p>SVHC: Substances of Very High Concern.</p> <p>UVCB - Unknown or variable composition, complex reaction products or Biological materials.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p>
<b>Revision date</b>	31/01/2021
<b>Revision</b>	1
<b>SDS number</b>	21832
<b>Hazard statements in full</b>	<p>H302 Harmful if swallowed.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H335 May cause respiratory irritation.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p> <p>H400 Very toxic to aquatic life.</p> <p>EUH208 Contains 1,2-BENZISOTHIAZOLIN-3-ONE. May produce an allergic reaction.</p>