



Prestone



SAFETY DATA SHEET

Simoniz Ultracare Wheel Cleaner

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

1.1. Product identifier

Product name	Simoniz Ultracare Wheel Cleaner
Product number	SAPP0178A
Internal identification	NQA2199
UFI	UFI: 6T26-V0F0-8005-03NU
REACH registration notes	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

Identified uses	Car maintenance product. Cleaning agent.
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1.3. Details of the supplier of the safety data sheet

Supplier	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
Contact person	Contact Email address: info@holtsauto.com

1.4. Emergency telephone number

Emergency telephone	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
National emergency telephone number	National Poisons Information Service City Hospital, Birmingham B187QH, United Kingdom Telephone: +44 121 507 4123 Email: allistervale@npis.org, sallybradberry@npis.org www.npis.org

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Not Classified

2.2. Label elements

Simoniz Ultracare Wheel Cleaner

Hazard pictograms



Signal word

Danger

Hazard statements

H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/ container in accordance with national regulations.

UFI

UFI: 6T26-V0F0-8005-03NU

Contains

Tetrasodium EDTA, Alcohols, C10-16, ethoxylated, sulfates, sodium salts, Tridecyl alcohol ethoxylate, Sulfuric acid, mono-C12-16-alkyl esters, ammonium salts, SODIUM HYDROXIDE

Detergent labelling

5 - < 15% EDTA and salts thereof, < 5% anionic surfactants, < 5% non-ionic surfactants, < 5% NTA (nitrilotriacetic acid) and salts thereof, Contains methylchlorisothiazolinone, methylisothiazolinone

Supplementary precautionary statements

P332+P313 If skin irritation occurs: Get medical advice/ attention.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Tetrasodium EDTA 10-30%		
CAS number: 64-02-8	EC number: 200-573-9	REACH registration number: 01-2119486762-27-XXXX
Classification		
Acute Tox. 4 - H302		
Eye Dam. 1 - H318		
Alcohols, C10-16, ethoxylated, sulfates, sodium salts 1-5%		
CAS number: 68585-34-2	EC number: 500-223-8	
Classification		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Aquatic Chronic 3 - H412		

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Tridecyl alcohol ethoxylate 1-5%		
CAS number: 9043-30-5	EC number: 259-217-6	
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412		
Sulfuric acid, mono-C12-16-alkyl esters, ammonium salts 1-5%		
CAS number: 90583-12-3	EC number: 292-210-6	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318		
SODIUM HYDROXIDE 1-5%		
CAS number: 1310-73-2	EC number: 215-185-5	REACH registration number: 01-2119457892-27-XXXX
Classification Skin Corr. 1A - H314 Eye Dam. 1 - H318		
TRISODIUM NTA <1%		
CAS number: 5064-31-3	EC number: 225-768-6	REACH registration number: 01-2119519239-36-XXXX
Classification Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Carc. 2 - H351		
Hexyl-D-glucoside <1%		
CAS number: 54549-24-5	EC number: 259-217-6	REACH registration number: 01-2119492545-29-XXXX
Classification Eye Dam. 1 - H318		
Alcohols C9-11, ethoxylated <1%		
CAS number: 68439-46-3	REACH registration number: 01-2119980051-45-XXXX	
Classification Eye Dam. 1 - H318		

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Citric Acid Monohydrate	<1%
CAS number: 5949-29-1	EC number: 201-069-1
	REACH registration number: 01-2119457026-42-XXXX
Classification	
Eye Irrit. 2 - H319	
METHYLCHLOROISOTHIAZOLINONE,METHYLISOTHIAZOLINONE	
<1%	
CAS number: 55965-84-9	EC number: 220-239-6
M factor (Acute) = 1	M factor (Chronic) = 1
Classification	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Inhalation	Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. 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.
Ingestion	Rinse nose, mouth and throat with water. Get medical attention if any discomfort continues. Never give anything by mouth to an unconscious person.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with 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

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	Causes skin irritation. Prolonged skin contact may cause redness and irritation.
Eye contact	Causes serious eye damage. Prolonged contact causes serious eye and tissue damage.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with the following media: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture

Specific hazards None known.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Toxic and corrosive 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 Wear chemical protective suit.

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 Not considered to be a significant hazard due to the small quantities used.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Avoid inhalation of vapours. Provide adequate ventilation. Use approved respirator if air contamination is above an acceptable level.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions No special storage precautions required.

Storage class Chemical 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

SODIUM HYDROXIDE

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

Short-term exposure limit (15-minute): WEL 2 mg/m³

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WEL = Workplace Exposure Limit.

Tetrasodium EDTA (CAS: 64-02-8)

DNEL	Workers - Inhalation; Long term local effects: 1.5 mg/m ³
	Workers - Inhalation; Short term local effects: 3 mg/m ³
	General population - Inhalation; Long term local effects: 0.6 mg/m ³
	General population - Inhalation; Short term local effects: 1.2 mg/m ³
	General population - Oral; Long term systemic effects: 25 mg/kg/day
PNEC	Fresh water; 2.2 mg/l
	Intermittent release; 1.2 mg/l
	marine water; 0.22 mg/l
	STP; 43 mg/l
	Soil; 0.72 mg/kg

SODIUM HYDROXIDE (CAS: 1310-73-2)

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

Alcohols C9-11, ethoxylated (CAS: 68439-46-3)

DNEL	Workers - Inhalation; Long term systemic effects: 294 mg/m ³
	Workers - Dermal; Long term systemic effects: 2080 mg/kg/day
	General population - Inhalation; Long term systemic effects: 87 mg/m ³
	General population - Dermal; Long term systemic effects: 1250 mg/kg/day
	General population - Oral; Long term systemic effects: 25 mg/kg/day
PNEC	Fresh water; 0.104 mg/l
	Intermittent release; 0.014 mg/l
	marine water; 0.104 mg/l
	STP; 1.4 mg/l
	Sediment (Freshwater); 13.7 mg/kg
	Sediment (Marinewater); 13.7 mg/kg
Soil; 1 mg/kg	

Citric Acid Monohydrate (CAS: 5949-29-1)

PNEC	Fresh water; 0.44 mg/l
	marine water; 0.044 mg/l
	STP; 1000 mg/l
	Sediment (Freshwater); 34.6 mg/kg sediment dw
	Sediment (Marinewater); 3.46 mg/kg sediment dw
	Soil; 33.1 mg/kg soil dw

8.2. Exposure controls

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless.
Odour	Characteristic.
pH	pH (concentrated solution): 10.35

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Flash point	Not applicable.
Relative density	1.06 @ 20°C
Solubility(ies)	Miscible with water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not relevant.
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10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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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.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Oxides of carbon. Oxides of nitrogen.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No information available.
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Acute toxicity - oral

Notes (oral LD ₅₀)	Based on available data the classification criteria are not met.
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ATE oral (mg/kg)	4,237.29
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Acute toxicity - dermal

Notes (dermal LD ₅₀)	Based on available data the classification criteria are not met.
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Acute toxicity - inhalation

Notes (inhalation LC ₅₀)	Based on available data the classification criteria are not met.
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Skin corrosion/irritation

Skin corrosion/irritation	Causes skin irritation.
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Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye damage.
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Respiratory sensitisation

Respiratory sensitisation	No information available.
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Skin sensitisation

Skin sensitisation	Based on available data the classification criteria are not met.
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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 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 No harmful effects expected from quantities likely to be ingested by accident.

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

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

Route of exposure Inhalation Dermal

Toxicological information on ingredients.

Tetrasodium EDTA

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ > 1780 - < 2000 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LOAEL 30 mg/m³, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

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.

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Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

Carcinogenicity

Carcinogenicity No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Reproductive toxicity - fertility Multi-generation study - NOAEL 250 mg/kg/day, Oral, Rat F1, F2 Based on available data the classification criteria are not met.

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

Aspiration hazard

Aspiration hazard Not relevant.

Inhalation Harmful if inhaled.

Ingestion Harmful if swallowed.

Skin contact No adverse effects known.

Eye contact Causes serious eye damage.

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

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 4100 mg/kg, Oral, Rat

Acute toxicity - dermal

Notes (dermal LD₅₀) LD₅₀ > 2000 mg/kg, Dermal, Rat

Acute toxicity - inhalation

Notes (inhalation LC₅₀) 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.

Skin sensitisation

Skin sensitisation - Guinea pig: Not sensitising.

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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.

SODIUM HYDROXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 500.0

Species Rat

Notes (oral LD₅₀) Not applicable. REACH dossier information.

Acute toxicity - dermal

Notes (dermal LD₅₀) Not applicable. REACH dossier information.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) 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

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Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Negative.
Genotoxicity - in vivo	Negative.
<u>Carcinogenicity</u>	
Carcinogenicity	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Scientifically unjustified. REACH dossier information.
Reproductive toxicity - development	This substance has no evidence of toxicity to reproduction.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Aspiration hazard	Not relevant.

Alcohols C9-11, ethoxylated

<u>Acute toxicity - oral</u>	
Notes (oral LD₅₀)	LD ₅₀ 3488 mg/kg, Oral, Rat
<u>Acute toxicity - dermal</u>	
Notes (dermal LD₅₀)	LD ₅₀ > 2000 mg/kg, Dermal, Rabbit, Rat
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC₅₀)	LC50 > 1600 mg/m ³ , Inhalation, Rat
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Not irritating.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Causes serious eye damage.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	Not sensitising.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Negative.

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Genotoxicity - in vivo	No information available.
<u>Carcinogenicity</u>	
Carcinogenicity	Scientifically unjustified.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Two-generation study - NOAEL 250 mg/kg/day, Dermal, Rat F1, F2 Conclusive data but not sufficient for classification.
Reproductive toxicity - development	Teratogenicity: - NOAEL: 250 mg/kg/day, Dermal, Rat This substance has no evidence of toxicity to reproduction.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Aspiration hazard	Not relevant.

Citric Acid Monohydrate

Skin contact	Irritating to skin.
Eye contact	Irritating to eyes.

METHYLCHLOROISOTHIAZOLINONE,METHYLISOTHIAZOLINONE

<u>Acute toxicity - oral</u>	
ATE oral (mg/kg)	100.0
<u>Acute toxicity - dermal</u>	
ATE dermal (mg/kg)	300.0
<u>Acute toxicity - inhalation</u>	
ATE inhalation (dusts/mists mg/l)	0.5

SECTION 12: Ecological information

Ecotoxicity No negative effects on the aquatic environment are known.

Ecological information on ingredients.

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

Ecotoxicity Harmful to aquatic life with long lasting effects.

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.

Tetrasodium EDTA

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 41 - 2070 mg/l, Lepomis macrochirus (Bluegill)
REACH dossier information.

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: > 100 mg/l, Daphnia magna

Acute toxicity - aquatic plants LC₅₀, 72 hours: > 300 mg/l, Algae

Acute toxicity - microorganisms EC₂₀, 30 minutes: > 500 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 35 days: > 25.7 mg/l, Brachydanio rerio (Zebra Fish)
Read-across data.

Chronic toxicity - aquatic invertebrates NOEC, 21 days: 25 mg/l, Daphnia magna
Read-across data.

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

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 7.1 mg/l,

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 7.4 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 27.7 mg/l, Algae
NOEC, 72 hours: 0.95 mg/l, Algae

SODIUM HYDROXIDE

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 33-189 hours: 96 mg/l, Fish
LC₅₀, 45.5 hours: 96 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates LC₅₀, 48 hours: 30 - < 1000 mg/l, Daphnia magna

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Acute toxicity - aquatic plants	Scientifically unjustified.
Acute toxicity - microorganisms	EC ₁₀ , 2 minutes: 161 mg/l, Tetrahymena Thermophila EC ₅₀ , 15 minutes: 22 mg/l, Photobacterium phosphoreum luminescence inhibition study
<u>Chronic aquatic toxicity</u>	
Chronic toxicity - fish early life stage	Not available.
Short term toxicity - embryo and sac fry stages	Not available.
Chronic toxicity - aquatic invertebrates	Not applicable.

Alcohols C9-11, ethoxylated

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 5 - 7 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 2.5 mg/l, Daphnia magna LC ₅₀ , 96 hours: 9.9 mg/l, Crangon crangon
Acute toxicity - aquatic plants	ErC ₂₀ , 72 hours: 1.978 mg/l, Desmodesmus subspicatus ErC ₅₀ , 96 hours: 1.4 mg/l, Selenastrum capricornutum
Acute toxicity - microorganisms	EC ₅₀ , 3 hours: 140 mg/l, Activated sludge EC ₅₀ , 16.9 hours: > 10 g/L, Pseudomonas putida

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	EC ₂₀ , 30 days: 1.86 mg/l, Pimephales promelas (Fat-head Minnow), QSAR
Chronic toxicity - aquatic invertebrates	EC ₂₀ , 21 days: 2.11 mg/l, Daphnia magna, QSAR

Citric Acid Monohydrate

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 96 hours: 400-706 mg/l, Fish
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METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE

Acute aquatic toxicity

LE(C)₅₀	0.1 < L(E)C ₅₀ ≤ 1
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M factor (Acute)	1
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Chronic aquatic toxicity

M factor (Chronic)	1
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12.2. Persistence and degradability

Persistence and degradability The product is expected to be slowly biodegradable.

Ecological information on ingredients.

Tetrasodium EDTA

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Persistence and degradability Not readily biodegradable.

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

Persistence and degradability The product is readily biodegradable. 100% 28 days 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.

SODIUM HYDROXIDE

Persistence and degradability No data available.

Stability (hydrolysis) Scientifically unjustified.
REACH dossier information.

Alcohols C9-11, ethoxylated

Persistence and degradability Rapidly degradable

Citric Acid Monohydrate

Persistence and degradability COD 665mg O₂/g; BOD₅ 481 mg O₂/g; >98% biodegradable after 2 days

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Ecological information on ingredients.

Tetrasodium EDTA

Bioaccumulative potential Bioaccumulation is unlikely.

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

SODIUM HYDROXIDE

Bioaccumulative potential No potential for bioaccumulation.

Partition coefficient No information required. REACH dossier information.

Alcohols C9-11, ethoxylated

Bioaccumulative potential Bioaccumulation is unlikely.

12.4. Mobility in soil

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Mobility The product is non-volatile. The product is miscible with water. May spread in water systems.

Ecological information on ingredients.

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

Mobility The product is soluble in water.

Alcohols C9-11, ethoxylated

Adsorption/desorption coefficient Koc 1288 L/kg QSAR

Citric Acid Monohydrate

Mobility Mobile.

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.

Tetrasodium EDTA

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

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.

SODIUM HYDROXIDE

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

Alcohols C9-11, ethoxylated

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

Simoniz Ultracare Wheel Cleaner

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

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 Ultracare Wheel Cleaner

Abbreviations and acronyms used in the safety data sheet	<p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>BCF: Bioconcentration Factor.</p> <p>BOD: Biochemical Oxygen Demand.</p> <p>CAS: Chemical Abstracts Service.</p> <p>DNEL: Derived No Effect Level.</p> <p>EC₅₀: 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>LC₅₀: Lethal Concentration to 50 % of a test population.</p> <p>LD₅₀: 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>
Revision date	01/02/2021
Revision	1
SDS number	21835
Hazard statements in full	<p>H301 Toxic if swallowed.</p> <p>H302 Harmful if swallowed.</p> <p>H311 Toxic in contact with skin.</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>H331 Toxic if inhaled.</p> <p>H351 Suspected of causing cancer.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>