SAFETY DATA SHEET
Simoniz Interior Wipes

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

1.1. Product identifier

Product name Simoniz Interior Wipes

Product number SWPS0014A

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.

1.3. Details of the supplier of the safety data sheet

Supplier
Holt Lloyd Services
52 Rue des 40 Mines, 60000 – Allonne, France
Phone: +33 (0)3 64 99 00 32
info@holtsauto.com

Contact person Contact Email address: info@holtsauto.com

Manufacturer
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

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

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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.gcsl@aade.gr, environment.gcsl@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) +351213303271; 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	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

Hazard statements	NC Not Classified
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.
Detergent labelling	< 5% non-ionic surfactants, Contains BRONOPOL (INN), 5-Chloro-2-methyl-2H-isothiazol-3-one, 2-Methylisothiazolin-3-one

2.3. Other hazards

SECTION 3: Composition/information on ingredients

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3.2. Mixtures

Polypropylene Glycol **<1%**

CAS number: 57-55-6 EC number: 200-338-0

Classification
Not Classified

ETHANOL **<1%**

CAS number: 64-17-5 EC number: 200-578-6 REACH registration number: 01-2119457610-43-XXXX

Classification
Flam. Liq. 2 - H225
Eye Irrit. 2 - H319

Alcohols, C12-18, ethoxylated **<1%**

CAS number: 68213-23-0 EC number: 500-201-8 REACH registration number: 01-2119489387-20-XXXX

Classification
Acute Tox. 4 - H302
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

BENZALKONIUM CHLORIDE **<1%**

CAS number: 8001-54-5

Classification
Not Classified

BRONOPOL (INN) **<1%**

CAS number: 52-51-7 EC number: 200-143-0 REACH registration number: 01-2119980938-15-XXXX

M factor (Acute) = 10

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
STOT SE 3 - H335
Aquatic Acute 1 - H400

5-Chloro-2-methyl-2H-isothiazol-3-one		**<1%**
CAS number: 26172-55-4	EC number: 247-500-7	
M factor (Acute) = 1	M factor (Chronic) = 1	

Classification
Acute Tox. 4 - H302
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Resp. Sens. 1 - H334
Skin Sens. 1 - H317
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

2-Methyl-4-isothiazolin-3-one		**<1%**
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	

Classification
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1A - 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 Treat symptomatically.

Inhalation Unlikely route of exposure as the product does not contain volatile substances.

Ingestion 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.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact 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

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

Eye contact May be slightly irritating to eyes. Prolonged or repeated exposure may cause severe irritation.

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 Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.

Hazardous combustion products Oxides of carbon.

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

Usage precautions Avoid spilling. Avoid inhalation of vapours and contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

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

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

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8.1. Control parameters

Occupational exposure limits

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³
Short-term exposure limit (15-minute): WEL
WEL = Workplace Exposure Limit.

ETHANOL (CAS: 64-17-5)

DNEL	Workers - Inhalation; Long term systemic effects: 950 mg/m³ Workers - Inhalation; Short term local effects: 1900 mg/m³ Workers - Dermal; Long term systemic effects: 343 mg/kg bw/day General population - Inhalation; Long term systemic effects: 114 mg/m³ General population - Dermal; Long term systemic effects: 206 mg/kg bw/day General population - Oral; Long term systemic effects: 87 mg/kg bw/day General population - Inhalation; Short term local effects: 950 mg/m³
PNEC	Fresh water; Long term 0.96 mg/l marine water; Long term 0.79 mg/l Intermittent release; Long term 2.75 mg/l STP; Long term 580 mg/l Sediment (Freshwater); Long term 3.6 mg/kg sediment dw Sediment (Marinewater); Long term 2.9 mg/kg sediment dw Soil; Long term 0.63 mg/kg soil dw

Alcohols, C12-18, ethoxylated (CAS: 68213-23-0)

DNEL	Workers - Inhalation; Long term systemic effects: 294 mg/m³ Workers - Dermal; Long term systemic effects: 2080 mg/kg/day General population - Inhalation; Long term systemic effects: 87 mg/m³ 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; 0.048 mg/l marine water; 0.048 mg/l STP; 10 g/l Sediment (Freshwater); 292 mg/kg Sediment (Marinewater); 292 mg/kg Soil; 1 mg/kg

BRONOPOL (INN) (CAS: 52-51-7)

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DNEL	Workers - Inhalation; Long term systemic effects: 3.5 mg/m³ Workers - Inhalation; Short term Acute: 10.5 mg/m³ Workers - Inhalation; Long term local effects: 2.5 mg/m³ Workers - Inhalation; Short term Acute: 2.5 mg/m³ Workers - Dermal; Long term systemic effects: 2 mg/kg/day Workers - Dermal; Short term Acute: 6 mg/kg/day Workers - skin irritation/corrosion; Long term local effects: 8 µg/cm2 Workers - skin irritation/corrosion; Short term Acute: 8 µg/cm2 General population - Inhalation; Long term systemic effects: 0.6 mg/m³ General population - Inhalation; Short term Acute: 1.8 mg/m³ General population - irritation (respiratory tract); Long term local effects: 0.6 mg/m³ General population - irritation (respiratory tract); Short term Acute: 0.6 mg/m³ General population - Dermal; Long term systemic effects: 0.7 mg/kg/day General population - Dermal; Short term Acute: 2.1 mg/kg/day General population - skin irritation/corrosion; Long term local effects: 4 µg/cm2 General population - skin irritation/corrosion; Short term Acute: 4 µg/cm2 General population - Oral; Long term systemic effects: 0.18 mg/kg/day General population - Oral; Short term Acute: 0.5 mg/kg/day
PNEC	Fresh water; 0.01 mg/l marine water; 0.001 mg/l STP; 0.43 mg/l Sediment (Freshwater); 0.041 mg/kg sediment dw Sediment (Marinewater); 0.003 mg/kg sediment dw Soil; 0.5 mg/kg soil dw

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

DNEL	Workers - Inhalation; Long term local effects: 0.021 mg/m³ Workers - Inhalation; Short term local effects: 0.043 mg/m³ General population - Inhalation; Long term local effects: 0.021 mg/m³ General population - Inhalation; Short term local effects: 0.043 mg/m³ 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 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 any possibility of skin contact.

Hygiene measures	Wash hands thoroughly after handling.
Respiratory protection	No specific requirements are anticipated under normal conditions of use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	White.
Odour	Mild.

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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

Notes (oral LD_{50}) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD_{50}) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC_{50}) 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

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 or repeated exposure may cause severe irritation.

Toxicological information on ingredients.

Polypropylene Glycol

Inhalation	No specific health hazards known.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin contact	Prolonged and frequent contact may cause redness and irritation.
Eye contact	May cause eye irritation.
Acute and chronic health hazards	This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

ETHANOL

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	10,470.0
Species	Rat

Acute toxicity - dermal

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Acute toxicity dermal (LD_{50} mg/kg)	17,100.0
Species	Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC_{50} vapours mg/l)	124.7
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.

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

Alcohols, C12-18, ethoxylated

Acute toxicity - oral

Notes (oral LD_{50})	LD_{50} > 5050 mg/kg, Oral, Rat
ATE oral (mg/kg)	500.0

Acute toxicity - dermal

Notes (dermal LD_{50})	LD_{50} > 2000 mg/kg, Dermal, Rat, Rabbit

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Acute toxicity - inhalation

Notes (inhalation LC_{50}) LC50 1600 mg/m³, Inhalation, Rat

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 Negative.

Carcinogenicity

Carcinogenicity Scientifically unjustified. REACH dossier information.

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - LOAEL, NOAEL > 250 mg/kg/day, Dermal, Rat P0, F1 REACH dossier information. No evidence of reproductive toxicity in animal studies.

Reproductive toxicity - development Developmental toxicity: - LOAEL, NOAEL: > 250 mg/kg/day, Dermal, Rat REACH dossier 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.

BRONOPOL (INN)

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg) 350.0

Species Rat

Notes (oral LD_{50}) LD_{50} 193 mg/kg, Oral, Rat REACH dossier information.

ATE oral (mg/kg) 350.0

Acute toxicity - dermal

Notes (dermal LD_{50}) LD_{50} > 2000 mg/kg, Dermal, Rat REACH dossier information.

Acute toxicity - inhalation

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Notes (inhalation LC_{50})	LC50 > 0.588 mg/m³, Inhalation, Rat LC50 > 120 - < 1140 mg/m³, Inhalation, Rat REACH dossier information.

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	Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro	Conclusive data but not sufficient for classification.
Genotoxicity - in vivo	Conclusive data but not sufficient for classification.

Carcinogenicity

Carcinogenicity	NOAEL 7 mg/kg/day, Oral, Rat NOAEL 0.2 - 0.5 %, Dermal, Mouse REACH dossier information. Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility	Two-generation study - NOAEL 150 mg/kg/day, Oral, Rat F1b
Reproductive toxicity - development	Maternal toxicity:, Teratogenicity:, Embryotoxicity: - NOAEL: >/= 80 mg/kg/day, Oral, Rat Maternal toxicity:, Teratogenicity:, Embryotoxicity: - NOAEL: 10 mg/kg/day, Oral, Rat REACH dossier

Specific target organ toxicity - single exposure

STOT - single exposure	May cause respiratory irritation

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.

5-Chloro-2-methyl-2H-isothiazol-3-one

Acute toxicity - oral

ATE oral (mg/kg)	500.0

2-Methyl-4-isothiazolin-3-one

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	235.0
Species	Rat
ATE oral (mg/kg)	235.0

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Acute toxicity - dermal

ATE dermal (mg/kg)	300.0

Acute toxicity - inhalation

ATE inhalation (gases ppm)	700.0
ATE inhalation (vapours mg/l)	3.0
ATE inhalation (dusts/mists mg/l)	0.5

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	May cause an allergic skin reaction.

Germ cell mutagenicity

Genotoxicity - in vitro	Negative.
Genotoxicity - in vivo	Negative.

Carcinogenicity

Carcinogenicity	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.

Reproductive toxicity

Reproductive toxicity - fertility	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.
Reproductive toxicity - development	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.

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.

SECTION 12: Ecological information

Ecotoxicity No information available.

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Ecological information on ingredients.

Polypropylene Glycol

Ecotoxicity	Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Acute aquatic toxicity

Acute toxicity - fish	No information available.
Acute toxicity - aquatic invertebrates	Not available.
Acute toxicity - aquatic plants	Not available.
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.

ETHANOL

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 13000 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	LC_{50}, 48 hours: 12340 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC_{50}, 48 hours: 12900 mg/l, Selenastrum capricornutum
Acute toxicity - microorganisms	EC_{50}, 4 hours: 5800 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 24 days: 0.08 mg/l, Pimephales promelas (Fat-head Minnow)
Chronic toxicity - aquatic invertebrates	NOEC, 10 days: 9.6 mg/l, Daphnia magna

Alcohols, C12-18, ethoxylated

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 0.876 mg/l, Brachydanio rerio (Zebra Fish)

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Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 2.7 mg/l, Daphnia magna
Acute toxicity - aquatic plants	ErC50, 72 hours: 0.714 mg/l, Desmodesmus subspicatus, QSAR
Acute toxicity - microorganisms	EC10, ca. 17 hours: > 10 g/L, Pseudomonas Zellvermehrungshemmtest
Acute toxicity - terrestrial	LC_{50}, 14 days: > 1000 mg/kg, Eisenia Fetida (Earthworm) NOEC, 19 days: 100 mg/kg, Triticum aestivum, Brassica alba, Lepidum sativum

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	EC_{20}, 30 days: 0.86 mg/l, Pimephales promelas (Fat-head Minnow), QSAR
Chronic toxicity - aquatic invertebrates	EC_{20}, 21 days: 0.469 mg/l, Daphnia magna, QSAR

BRONOPOL (INN)

Acute aquatic toxicity

$LE(C)_{50}$	0.01 < L(E)C50 ≤ 0.1
M factor (Acute)	10
Acute toxicity - fish	LC_{50}, 96 hours: 35.7 mg/l, Lepomis macrochirus (Bluegill) NOEC, 96 hours: 11.4 mg/l, Lepomis macrochirus (Bluegill) LC_{50}, 96 hours: 41.2 mg/l, Oncorhynchus mykiss (Rainbow trout) LC_{50}, 96 hours: 57.6 mg/l, Cyprinodon variegatus (Sheepshead minnow) REACH dossier information.
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 1.4 mg/l, Daphnia magna EC_{50}, 48 hours: 3.5 mg/l, Acartia tonsa
Acute toxicity - aquatic plants	ErC50, 72 hours: 0.37 mg/l, Selenastrum capricornutum NOErC, 72 hours: 0.1 mg/l, Selenastrum capricornutum ErC50, 72 hours: 0.25 mg/l, Skeletonema costatum NOEC, 72 hours: 0.08 mg/l, Skeletonema costatum ErC50, 72 hours: 0.89 - 2.84 mg/l, Chlorella vulgaris NOErC, 72 hours: 0.32 mg/l, Chlorella vulgaris ErC50, 72 hours: > 1.0 mg/l, Scenedesmus subspicatus NOErC, 72 hours: 0.1 mg/l, Scenedesmus subspicatus ErC50, 72 hours: 0.67 mg/l, Scenedesmus subspicatus NOErC, 72 hours: 0.1 mg/l, Scenedesmus subspicatus
Acute toxicity - microorganisms	EC_{20}, 2.5 hours: 2 mg/l, Activated sludge EC_{20}, 30 minutes: ca. 20 mg/l, Activated sludge EC10, 16 hours: 0.5 mg/l, Pseudomonas putida
Acute toxicity - terrestrial	LC_{50}, 14 days: > 500 mg/kg, Eisenia Fetida (Earthworm) NOEC, 14 days: 12.8 mg/kg, Eisenia Fetida (Earthworm)

Chronic aquatic toxicity

Chronic toxicity - fish early life stage	NOEC, 49 days: 21.5 mg/l, Oncorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.53 (nominal); 0.27 (measured) mg/l, Daphnia magna

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5-Chloro-2-methyl-2H-isothiazol-3-one

Acute aquatic toxicity	
LE(C)$_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Chronic aquatic toxicity	
M factor (Chronic)	1

2-Methyl-4-isothiazolin-3-one

Acute aquatic toxicity	
LE(C)$_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC_{50}, 96 hours: 4.77 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: 0.934 mg/l, Daphnia magna NOEC, 48 hours: < 0.275 mg/l, Daphnia magna LC_{50}, 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
Acute toxicity - aquatic plants	EC_{50}, 72 hours: 0.103 mg/l, Selenastrum capricornutum NOEC, 72 hours: 0.05 mg/l, Selenastrum capricornutum EC_{50}, 72 hours: 0.072 mg/l, Marinewater algae, Skeletonema costatum NOEC, 72 hours: 0.072 mg/l, Marinewater algae, Skeletonema costatum
Acute toxicity - microorganisms	EC_{50}, 3 hours: 41 mg/l, Activated sludge
Chronic aquatic toxicity	
M factor (Chronic)	1
Chronic toxicity - fish early life stage	NOEC, 33 days: 2.1 mg/l, Pimephales promelas (Fat-head Minnow)
Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 0.044 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

Ecological information on ingredients.

ETHANOL

Persistence and degradability	Rapidly degradable
Biological oxygen demand	1000 mg/g
Chemical oxygen demand	1900 mg/g

Alcohols, C12-18, ethoxylated

Persistence and degradability	Rapidly degradable

BRONOPOL (INN)

Persistence and degradability	Rapidly degradable
Biodegradation	activated sludge - Degradation 99%: ~ 1 hour activated sludge - DT_{50} : 8.3 minutes REACH dossier information.

2-Methyl-4-isothiazolin-3-one

Persistence and degradability	Not readily biodegradable.
Phototransformation	Calculation method. - Half-life : 14.35 hours

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Ecological information on ingredients.

ETHANOL

Partition coefficient	log Pow: -0.35

Alcohols, C12-18, ethoxylated

Bioaccumulative potential	Bioaccumulation is unlikely.
Partition coefficient	log Pow: 5.16 @ 25°C

BRONOPOL (INN)

Bioaccumulative potential	Bioaccumulation is unlikely. REACH dossier information.
Partition coefficient	log Pow: 0.21 (pH = 5, T = 24°C +/- 1°C); 0.22 (pH = 7, T = 24°C +/- 1°C); -0.34 (pH = 9, T = 24°C +/- 1°C) REACH dossier information.

2-Methyl-4-isothiazolin-3-one

Bioaccumulative potential	Bioaccumulation is unlikely.
Partition coefficient	log Kow: -0.486

12.4. Mobility in soil

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

Ecological information on ingredients.

ETHANOL

Mobility	Mobile.
Henry's law constant	3.3 x 10E-6 atm m^3/mol @ °C

Surface tension 24.5 mN/m @ 20°C

BRONOPOL (INN)

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

2-Methyl-4-isothiazolin-3-one

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

Alcohols, C12-18, ethoxylated

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

BRONOPOL (INN)

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.

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.

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 Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

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 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). 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). 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 Interior Wipes

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.
BOD: Biochemical Oxygen Demand.
CAS: Chemical Abstracts Service.
DNEL: Derived No Effect Level.
EC_{50}: 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_{50}: Lethal Concentration to 50 % of a test population.
LD_{50}: Lethal Dose to 50% of a test population (Median Lethal Dose).
LOAEC: Lowest Observed Adverse Effect Concentration.
LOAEL: Lowest Observed Adverse Effect Level.
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.

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Revision

1

SDS number

21793

Hazard statements in full

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H312 Harmful 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.
H331 Toxic if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.