



Prestone



SAFETY DATA SHEET

Prestone -10°C Screenwash (RTU)

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

1.1. Product identifier

Product name Prestone -10°C Screenwash (RTU)

Product number PSCW0004A, PSCW0005A, PSCW0010A, PSCW0015A, PSCW0019A

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

Identified uses Glass cleaner.

1.3. Details of the supplier of the safety data sheet

Supplier A Holts Car Care Product
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 Out of office hours Tel: 020 7358 9167

National emergency telephone number <https://poisoncentres.echa.europa.eu/>

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302 Acute Tox. 4 - H332 STOT SE 2 - H371

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn;R20/21/22,R68/20/21/22.

2.2. Label elements

Pictogram



Signal word Warning

Prestone -10°C Screenwash (RTU)

Hazard statements	H371 May cause damage to organs . H302+H332 Harmful if swallowed or if inhaled.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P260 Do not breathe vapour/ spray. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P501 Dispose of contents/ container in accordance with local regulations.
Contains	METHANOL, ETHANEDIOL
Supplementary precautionary statements	P261 Avoid breathing vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P311 IF exposed or concerned: Call a POISON CENTER or doctor. P312 Call a POISON CENTER/ doctor if you feel unwell. P330 Rinse mouth. P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

METHANOL	5-10%
CAS number: 67-56-1	EC number: 200-659-6
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	Classification (67/548/EEC or 1999/45/EC) F;R11 T;R23/24/25,R39/23/24/25
ETHANEDIOL	1-5%
CAS number: 107-21-1	EC number: 203-473-3
Classification Acute Tox. 4 - H302 STOT RE 2 - H373	Classification (67/548/EEC or 1999/45/EC) Xn;R22
AMMONIA ...%	<1%
CAS number: 1336-21-6	EC number: 215-647-6
M factor (Acute) = 1	
Classification Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400	Classification (67/548/EEC or 1999/45/EC) C;R34 N;R50

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Prestone -10°C Screenwash (RTU)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	No specific recommendations. If in doubt, get medical attention promptly.
Inhalation	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. If breathing stops, provide artificial respiration.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if any discomfort continues.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
Ingestion	May cause nausea, headache, dizziness and intoxication.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	May cause temporary eye irritation.

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

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Water spray, foam, dry powder or carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Toxic gases or vapours. No unusual fire or explosion hazards noted.
Hazardous combustion products	When heated, vapours/gases hazardous to health may be formed.

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	For personal protection, see Section 8.
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6.2. Environmental precautions

Environmental precautions	Collect and dispose of spillage as indicated in Section 13. Collect and dispose of spillage as indicated in Section 13.
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6.3. Methods and material for containment and cleaning up

Prestone -10°C Screenwash (RTU)

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

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 Read and follow manufacturer's recommendations. Avoid spilling. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

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

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

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Sk

ETHANEDIOL

Long-term exposure limit (8-hour TWA): WEL 20 ppm 52 mg/m³ vapour

Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m³ vapour

Sk

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

ETHANEDIOL (CAS: 107-21-1)

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Coloured liquid.

Colour Yellow.

Odour Alcoholic.

pH pH (concentrated solution): 10.6

Flash point 61°C CC (Closed cup).

Prestone -10°C Screenwash (RTU)

Relative density 0.986 @ 20°C
Solubility(ies) Miscible with water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid Avoid contact with the following materials: Acids. Oxidising agents.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 999.84

Acute toxicity - dermal

ATE dermal (mg/kg) 3,157.89

Acute toxicity - inhalation

ATE inhalation (gases ppm) 7,368.42

ATE inhalation (vapours mg/l) 31.58

ATE inhalation (dusts/mists mg/l) 5.26

SECTION 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste class WGK: 1 (Germany)

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 2810

Prestone -10°C Screenwash (RTU)

UN No. (IMDG)	2810
UN No. (ICAO)	2810
UN No. (ADN)	2810

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	TOXIC LIQUID, ORGANIC, N.O.S. (Methanol, Ethanediol)
Proper shipping name (IMDG)	TOXIC LIQUID, ORGANIC, N.O.S. (Methanol, Ethanediol)
Proper shipping name (ICAO)	TOXIC LIQUID, ORGANIC, N.O.S. (Methanol, Ethanediol)
Proper shipping name (ADN)	TOXIC LIQUID, ORGANIC, N.O.S. (Methanol, Ethanediol)

14.3. Transport hazard class(es)

ADR/RID class	6.1
ADR/RID classification code	T1
ADR/RID label	6.1
IMDG class	6.1
ICAO class/division	6.1
ADN class	6.1

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-A, S-A
ADR transport category	2
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	60
Tunnel restriction code	(E)

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

Prestone -10°C Screenwash (RTU)

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

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	04/04/2016
Revision	1
Supersedes date	10/06/2015
SDS number	15046
Risk phrases in full	<p>R11 Highly flammable.</p> <p>R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R22 Harmful if swallowed.</p> <p>R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.</p> <p>R34 Causes burns.</p> <p>R37 Irritating to respiratory system.</p> <p>R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.</p> <p>R50 Very toxic to aquatic organisms.</p> <p>R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.</p>
Hazard statements in full	<p>H225 Highly flammable liquid and vapour.</p> <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>H318 Causes serious eye damage.</p> <p>H331 Toxic if inhaled.</p> <p>H332 Harmful if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H370 Causes damage to organs .</p> <p>H371 May cause damage to organs .</p> <p>H373 May cause damage to organs (Liver, Kidneys) through prolonged or repeated exposure.</p> <p>H400 Very toxic to aquatic life.</p>