ProSolve® Professional Limescale Remover

Safety Data Sheet

According to Regulation (EU) No 1907/2006 (REACH), No 830/2015 and Regulation (EC) No 1272/2008

Date Revised: 03/10/2025 / Version: 1

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

1.1 Product identifier

Product Name: ProSolve Professional Limescale Remover

Product Code: PVLR750T

UFI: 3060-S009-A00T-CAD7

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

Identified use: To remove limescale from hard surfaces. Consumer and commercial use.

1.4 Emergency telephone number

National Health Service (NHS)
NHS England or Scotland: 111
NHS Wales: 0300 0604400
Northern Ireland: Call your local GP
For life-threatening emergencies, call 999 for an ambulance.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):
Skin Corr. 1B; H314: Causes severe skin burns and eye damage.

2.2 Label elements

Signal Word: Danger

Pictogram: GHS05 (Corrosion)



Hazard Statements: H314: Causes severe skin burns and eye damage.

Precautionary Statements:

Prevention
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTRE/doctor.

Storage
P405: Store locked up.

Disposal
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.2.3 Other hazards
This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Contains:
- Sulphamic Acid (CAS 5329-14-6): 1–10%
- Orthophosphoric Acid (CAS 7664-38-2): 1–10%
- C9–C11 Alcohol Ethoxylate 6.5EO (CAS 68439-46-3): <1%
- Propan-2-ol (CAS 67-63-0): <1%

SECTION 4: First aid measures

4.1 Description of first aid measures

General: Remove contaminated clothing immediately.
Inhalation: Move affected person to fresh air. Seek medical attention if symptoms occur.
Skin contact: Remove contaminated clothing. Rinse skin immediately with plenty of water. Seek medical advice.
Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Seek medical attention immediately.
Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed
Causes severe burns and eye damage.

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

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

5.2 Special hazards arising from the substance or mixture
Thermal decomposition may produce corrosive and toxic fumes.

5.3 Advice for firefighters
Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective gloves, clothing, eye and face protection.

6.2 Environmental precautions
Avoid discharge into drains or watercourses.

6.3 Methods and material for containment and cleaning up
Absorb with inert material (sand, earth). Collect and dispose of according to regulations.

6.4 Reference to other sections
Refer to Sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Wear protective equipment. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities
Store locked up in a cool, dry, well-ventilated place. Keep container tightly closed.

7.3 Specific end use(s)
To remove limescale from hard surfaces.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Occupational Exposure Limits:
- Orthophosphoric Acid (CAS 7664-38-2): WEL 1 mg/m^3 (TWA), 2 mg/m^3 (STEL)
- Propan-2-ol (CAS 67-63-0): WEL 400 ppm (TWA), 500 ppm (STEL)

8.2 Exposure controls
Protective Equipment:
Eye protection: Safety goggles.

Hand protection: Chemical resistant gloves.
Skin protection: Protective clothing.
Respiratory protection: Not normally required under normal use.
Hygiene measures: Wash hands after use.

SECTION 9: Physical and chemical properties

Appearance: Liquid
Colour: Blue
Odour: Floral
pH: <2
Flash point: >93°C
Relative density: 1.027
Solubility: Miscible in water
Boiling point: ~100°C
Viscosity: Not determined
Explosive properties: Not explosive
Oxidising properties: Not oxidising

SECTION 10: Stability and reactivity

10.1 Reactivity: Acidic - reacts with alkalis.
10.2 Chemical stability: Stable under normal conditions.
10.3 Possibility of hazardous reactions: None under normal conditions.
10.4 Conditions to avoid: Excessive heat.
10.5 Incompatible materials: Alkalis, strong oxidisers.
10.6 Hazardous decomposition products: Toxic and corrosive fumes under fire conditions.

SECTION 11: Toxicological information

Information on likely routes of exposure: Skin and eyes.
Symptoms: Causes severe skin burns and eye damage.
Acute toxicity: Not classified.
Skin corrosion/irritation: Causes severe burns.
Serious eye damage/irritation: Causes serious eye damage.
Respiratory or skin sensitisation: Not classified.
Germ cell mutagenicity, Carcinogenicity, Reproductive toxicity: No evidence of such effects.
STOT – single exposure: Not classified.
Aspiration hazard: Not classified.

SECTION 12: Ecological information

12.1 Toxicity: Not expected to be acutely toxic at intended dilution.
12.2 Persistence and degradability: Components are biodegradable.
12.3 Bioaccumulative potential: Low.
12.4 Mobility in soil: Soluble in water.
12.5 Results of PBT and vPvB assessment: Not PBT/vPvB.
12.6 Other adverse effects: None known.

SECTION 13: Disposal considerations

Dispose of contents/container in accordance with local/regional regulations. Do not discharge into drains. Dispose via authorised waste contractor.

SECTION 14: Transport information

Not classified as dangerous for transport at supplied concentration.
UN number: Not applicable
Proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions: None known.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Regulation (EC) No 1272/2008 (CLP)
UK REACH
15.2 Chemical safety assessment: Not required for this mixture.

SECTION 16: Other information

Full text of H-statements: H314: Causes severe skin burns and eye damage.
Training: Ensure users are trained in handling chemicals safely.
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