# Safety Data Sheet

## ProSolve 360° Dehumidifier Refill Tablets

18 Aug 2025 v.1

According to Regulation (EC) No 1272/2008 (CLP) and UK REACH

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

Product identifier: ProSolve 360º Dehumidifier Refill Tablets

Product Code: PVDHUMIDR4

UFI: UG50-Q0UW-G00T-D114

Intended Use: Building Maintenance – Dehumidifier refill tablets

Company: ProSolve, Sandall Stones Road, Kirk Sandall Industrial Estate, Doncaster, South Yorkshire, DN3 1QR

Tel: +44 (0) 1302 310 113 | Email: enquiries@prosolveproducts.com | Web: www.prosolveproducts.com

EU Details: PO Box: 107, 3150 AC, HOEK VAN HOLLAND

Emergency Telephone: NHS 111 (England/Scotland), 0300 0604400 (Wales), local GP (NI). Life-threatening: 999.

## SECTION 2: Hazards identification

Classification: Eye Irrit. 2 (H319) – Causes serious eye irritation.

Label Elements: Signal Word: Warning

Pictogram: GHS07

Hazard Statements: H319 Causes serious eye irritation.

Precautionary Statements:

Prevention: P264 Wash hands thoroughly after handling. P280 Wear protective gloves/eye protection.

Response: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.

Storage: P402 Store in a dry place.

Disposal: P501 Dispose of contents/container in accordance with local/regional regulations.

## SECTION 3: Composition/information on ingredients

Calcium Chloride (CAS 10043-52-4) ~77% – Eye Irrit. 2 (H319)

Sodium Chloride (CAS 7647-14-5) ≤3% – Not classified

Water ~20% – Not classified

## SECTION 4: First aid measures

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash with soap and water. Remove contaminated clothing.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses. Seek medical advice if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Get medical attention if unwell.

## SECTION 5: Firefighting measures

Suitable Extinguishing Media: Water spray, dry chemical, foam, CO2.

Special Hazards: Product is not flammable but may release irritating fumes if heated strongly.

Advice for Firefighters: Wear self-contained breathing apparatus and protective clothing.

## SECTION 6: Accidental release measures

Personal Precautions: Avoid contact with eyes. Wear protective gloves and goggles.

Environmental Precautions: Avoid release into drains or waterways.

Clean-up Methods: Sweep up and collect in suitable container for disposal. Wash area with water.

## SECTION 7: Handling and storage

Handling: Avoid dust formation and contact with eyes. Use PPE as required.

Storage: Store in a cool, dry, well-ventilated area. Keep container tightly closed. Protect from moisture.

## SECTION 8: Exposure controls/personal protection

Occupational Exposure Limits: None established for mixture.

Engineering Controls: Provide adequate ventilation.

Personal Protection:

- Respiratory: Not normally required.

- Skin: Protective gloves recommended.

- Eye: Safety goggles/face protection recommended.

- Hygiene: Wash hands after handling.

## SECTION 9: Physical and chemical properties

Appearance: Solid tablets

Colour: White

Odour: Neutral (no fragrance added)

pH (10% solution): ~8-9

Melting point: ~772 °C (Calcium Chloride)

Flash point: Not applicable

Density: ~2.15 g/cm$^3$ (Calcium Chloride)

Solubility: Highly soluble in water

## SECTION 10: Stability and reactivity

Reactivity: Hygroscopic, absorbs moisture from air.

Chemical Stability: Stable under normal conditions.

Hazardous Reactions: Contact with strong acids may release hydrogen chloride.

Conditions to Avoid: Moisture, high humidity.

Hazardous Decomposition Products: Hydrogen chloride under extreme heat.

## SECTION 11: Toxicological information

Acute Toxicity: Calcium chloride LD50 oral (rat) ~1000 mg/kg.

Skin: May cause mild irritation.

Eyes: Causes serious eye irritation.

Ingestion: May cause gastrointestinal irritation.

Inhalation: Dust may irritate respiratory tract.

## SECTION 12: Ecological information

Ecotoxicity: Large spills may cause salinity changes harmful to aquatic life.

Persistence/Degradability: Inorganic salts, persist in environment.

Bioaccumulation: Not expected.

Mobility: High solubility in water.

## SECTION 13: Disposal considerations

Disposal Methods: Dispose of in accordance with local/regional/national regulations.

Do not release into drains or environment. Empty packaging should be recycled or disposed of safely.

## SECTION 14: Transport information

Not classified as dangerous goods for transport by ADR/RID, IMDG, or IATA.

Proper Shipping Name: Not applicable.

## SECTION 15: Regulatory information

Regulation (EC) No 1272/2008 (CLP) applies.

UK REACH applies.

No specific restrictions known.

## SECTION 16: Other information

Hazard Statements (full text): H319 Causes serious eye irritation.

Precautionary Statements (full text): P264, P280, P305+P351+P338, P337+P313, P402, P501.

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