

SAFETY DATA SHEET

According to UK REACH (retained Regulation (EC) No 1907/2006) and GB CLP (retained Regulation (EC) No 1272/2008)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

1.1 Product identifier

Product name: DuoCrete P

1.2 Relevant identified uses of the substance and uses advised against

Identified uses: Industrial and professional use as an ancillary construction material in reinforced concrete to reduce corrosion risk.

Uses advised against: Any use other than those identified above.

1.3 Details of the supplier of the safety data sheet

Company name: Concrete Preservation Technologies Ltd

Telephone: 01159724238

E-mail: general@cp-tech.co.uk

1.4 Emergency telephone number

Emergency number (UK): 999

NHS 111: 111 (non-emergency medical advice)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance

Classification according to GB CLP:

- Skin Irritation, Category 2 — H315
- Serious Eye Damage, Category 1 — H318
- STOT SE 3 (Respiratory irritation) — H335

2.2 Label elements

Hazard pictograms: GHS05 (Corrosion), GHS07 (Exclamation mark)

Signal word: Danger

Hazard statements:

- H315: Causes skin irritation
- H318: Causes serious eye damage
- H335: May cause respiratory irritation

Precautionary statements:

- P102: Keep out of reach of children
- P261: Avoid breathing dust
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P302+P352: IF ON SKIN: Wash with plenty of water
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P305+P351+P310: IF IN EYES: Rinse cautiously with water for several minutes.
Immediately call a POISON CENTRE or doctor
- P501: Dispose of contents/container in accordance with local regulations

2.3 Other hazards

The substance does not meet the criteria for PBT or vPvB under UK REACH.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Main constituent: Calcium dihydroxide (CAS 1305-62-0; EC 215-137-3)

4. FIRST AID MEASURES

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

Skin contact: Brush off loose material. Wash immediately with plenty of water. Remove contaminated clothing.

Eye contact: Rinse immediately with plenty of water for several minutes. Seek immediate medical attention.

Ingestion: Rinse mouth with water. Drink plenty of water. Do not induce vomiting. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry powder, foam or CO₂ for surrounding fire.

Unsuitable extinguishing media: Water.

Special hazards: Product is not combustible.

6. ACCIDENTAL RELEASE MEASURES

Avoid dust generation. Ensure adequate ventilation. Collect mechanically in a dry manner. Prevent entry into drains and watercourses.

7. HANDLING AND STORAGE

Avoid contact with skin and eyes. Minimise dust generation. Store in dry conditions and protect from moisture. Keep away from acids and incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

UK Workplace Exposure Limits (WELs):

- 8-hour TWA: 1 mg/m³ (respirable dust)
- 15-minute STEL: 4 mg/m³

Personal protective equipment: Eye protection, protective gloves and clothing. Respiratory protection where exposure limits may be exceeded.

9. PHYSICAL AND CHEMICAL PROPERTIES

White, odourless solid. pH 12.4 (saturated solution, 20 °C). Non-flammable. Relative density 2.24. Solubility in water: 1844.9 mg/L.

10. STABILITY AND REACTIVITY

Stable under normal conditions. Reacts exothermically with acids. Incompatible with acids, aluminium and brass in the presence of moisture.

11. TOXICOLOGICAL INFORMATION

Not acutely toxic. Causes skin irritation, serious eye damage and respiratory irritation. Not sensitising, mutagenic, carcinogenic or toxic to reproduction.

12. ECOLOGICAL INFORMATION

High pH may be harmful to aquatic life at elevated concentrations. Not persistent or bioaccumulative.

13. DISPOSAL CONSIDERATIONS

Dispose of contents and container in accordance with UK waste legislation and local authority requirements.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport under ADR/RID/IMDG.

15. REGULATORY INFORMATION

Classified and labelled in accordance with GB CLP. A chemical safety assessment has been carried out under UK REACH.

16. OTHER INFORMATION

Hazard statements: H315, H318, H335

Revision: UK REACH / GB CLP adapted version

Disclaimer: This SDS is based on current knowledge and is intended as guidance only.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Concrete Preservation Technologies Ltd shall not be held liable for any damage resulting from handling or contact with the above product. It is the employers responsibility to inform employees and others who may be affected of any hazards described above and any precautions which should be taken. If purchased to supply to a third party, it is the purchaser's duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.