SAFETY DATA SHEET (SDS)

According to Regulation (EC) No 1907/2006 (REACH) and (EC) No 1272/2008 (CLP) BioClean STONE – cleaner for stone and mineral surfaces

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1. Identification of the substance/mixture and of the company/undertaking

Trade name:
BioClean STONE

Use:
Specialised cleaner for stone, concrete, paving, facades and mineral surfaces. Designed to remove organic dirt, moss, grime and deposits.

Manufacturer:
Danill, a.s.
Nixbrod 7
934 01 Levice
Slovakia – EU
VAT ID: SK2020160065

Contact details:
Tel.: +421 36 630 8260
E-mail: info@biocleanpro.eu

Emergency telephone number:
National Toxicological Information Centre (Slovakia)
+421 2 54 77 41 66 (outside Slovakia: your national poison centre)

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2. Hazards identification

Classification according to Regulation (EC) No 1272/2008 (CLP):

- Eye Irrit. 2 – H319: Causes serious eye irritation
- **Skin Irrit. 2 – H315: Causes skin irritation**

Pictograms:
GHS07 ⚠ (exclamation mark)

Signal word:
Warning

Hazard statements:

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.

Precautionary statements:

- P102 Keep out of reach of children.

- P280 Wear protective gloves and eye/face protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses.
- P501 Dispose of contents/container in accordance with local regulations.

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3. Composition / information on ingredients

(Indicative concentration ranges according to the final formulation)

- 5–15 % citric acid
- 5–15 % hydrogen peroxide
- 1–5 % isopropyl alcohol (IPA)
- <5 % non-ionic surfactant (alkyl polyglucosides)
- <1 % chelating agents (EDTA / citrates)
- <1 % blend of essential oils (fragrance: citrus / herbal)
- **Remainder: water**

Composition given as ranges, as for BioClean Pro, not exact percentages.

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4. First-aid measures

If inhaled:
Move the affected person to fresh air. If symptoms persist, seek medical advice.

In case of skin contact:
Wash with plenty of soap and water. If irritation persists, see a doctor.

In case of eye contact:
Rinse immediately and thoroughly with clean water for at least 15 minutes.
Seek medical advice.

If swallowed:
Rinse mouth, do not induce vomiting. Seek medical advice.

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5. Firefighting measures

Suitable extinguishing media:
Water, foam, CO□, powder.

Unsuitable extinguishing media:
Direct water jet.

Specific hazards:
Combustion may produce irritating fumes (carbon dioxide, sulphur oxides, organic IPA vapours).

Protective equipment for firefighters:
Self-contained breathing apparatus, protective clothing.

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6. Accidental release measures

- Use personal protective equipment.
- Prevent entry into drains and watercourses.
- Absorb spilled liquid (sand, vermiculite).
- Dispose of as chemical waste in accordance with local regulations.

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7. Handling and storage

Handling:

- Avoid contact with eyes and skin.
- Do not use with metal tools at high temperatures.
- Do not store together with bases and oxidising agents.

Storage:

- In original, tightly closed containers.
- In a cool, dry place, away from sunlight.
- Storage temperature: 5–25 °C.

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8. Exposure controls / personal protective equipment

- Safety glasses (EN166)
- Nitrile gloves
- Protective clothing
- Ensure ventilation during application

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9. Physical and chemical properties

- **Physical state: liquid**
- Appearance: clear to slightly cloudy
- Odour: citrus / herbal (essential oils)
- pH: 3.0 – 4.0 (acidic)
- Density: ~1.03 g/cm^3

- Solubility: completely soluble in water
- Flammability: non-flammable (the mixture contains a low proportion of IPA)

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10. Stability and reactivity

- Stable product under normal conditions.
- Avoid high temperatures and direct sunlight.
- Incompatible with: bases, chlorine products, metals that react with acids.

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11. Toxicological information

- Based on its composition, it may cause skin and eye irritation.
- No serious toxic effects are expected under normal use.
- Not classified as carcinogenic, mutagenic or toxic for reproduction.

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12. Ecological information

- The mixture is not classified as hazardous to the environment.
- The surfactants are biodegradable (according to the Detergents Regulation).
- Do not release large quantities into soil or water.

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13. Disposal considerations

- Dispose of contents and container as hazardous chemical waste in accordance with local regulations.
- Do not pour into drains.

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14. Transport information (ADR/RID)

- **The product is not classified as dangerous goods.**
- Transport without restrictions in consumer packaging.

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15. Regulatory information

Complies with the requirements of:

- REACH Regulation (EC) 1907/2006
- CLP Regulation (EC) 1272/2008
- Detergents Regulation 648/2004/EC

16. Other information

This document is based on available data on the individual ingredients, the intended use and EU safety standards.

Safety data may be updated in line with legislative changes or changes to the formulation.