

SAFETY DATA SHEET

C&S ProShield – Professional Disinfectant – Eco Formula

Version	1.0
Issue Date	2026-07-14
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Language	English
Country	Austria
Manufacturer	CARE and SAFE.World s.r.o.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

- Trade Name: C&S ProShield
- Subtype: Professional Disinfectant – Eco Formula
- Formulation Code: AD-AP-NA-6.2
- UFI: 0FTD-59NK-W10Q-JY4P

1.2 Relevant Identified Uses

- PT 1: Human Hygiene (Hand Disinfection)
- PT 2: Surface Disinfectant (private, commercial, industrial)
- PT 3: Hygiene in Veterinary Care
- PT 4: Food and Feed Area
- Application: Pure Surface Disinfection

1.3 Supplier Details

- Manufacturer: CARE and SAFE.World s.r.o.
- Address: Dvorskova 44/14, 602 00 Brno-mesto, Czech Republic
- Telephone: +43 676 7518440
- E-Mail: office@careandsafe.world
- Website: www.careandsafe.world

1.4 Emergency Number (24h)

- Austria: Poison Information Centre (VIZ), +43 1 406 43 43
- Czech Republic: Toxicological Information Centre, +420 224 919 293
- General Emergency: 112

2. HAZARD IDENTIFICATION

2.1 Classification According to CLP (Regulation (EC) No 1272/2008)

Hazard	Classification
Acute Aquatic Toxicity (H400)	Category 1
Chronic Aquatic Toxicity (H410)	Category 1

2.2 Labelling Elements

- Signal Word: Warning
- Hazard Pictograms: GHS09 (Environment)
- Hazard Statements: H400, H410
- Supplementary Hazard Information: EUH066 - Repeated exposure may cause skin dryness or cracking

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Preparation – Composition

Ingredient	CAS Number	Concentration (%)	Classification
ADBAC (Alkyldimethylbenzyl Ammonium Chloride)	68424-85-1	5.0	Acute Tox, H400, H410
APG (Alkyl Polyglucosides)	68515-73-1	8.0	Not Classified
Sodium Benzoate	532-32-1	0.8	Not Classified (Preservative)
Sodium Citrate (Buffer)	6132-04-3	0.3	Not Classified
Water (Distilled)	7732-18-5	ad 100	-

4. FIRST AID MEASURES

4.1 Inhalation

Move to fresh air. If symptoms persist, seek medical attention.

4.2 Skin Contact

Wash immediately with soap and water. If irritation persists longer than 15 minutes, seek medical attention. Remove contaminated clothing.

4.3 Eye Contact

Rinse cautiously with water for at least 15 minutes. Seek medical attention. Do not wear contact lenses.

4.4 Ingestion

Rinse mouth with water. Seek medical attention.

5. FIREFIGHTING MEASURES

5.1 Suitable Extinguishing Media

- Water (spray jet)
- Foam
- Dry powder
- CO₂

5.2 Special Safety Precautions

- Use self-contained breathing apparatus
- Protect against smoke and vapors

6. ACCIDENTAL RELEASE MEASURES

6.1 Safety Precautions

- Avoid contact with skin and eyes
- Ensure adequate ventilation

6.2 Environmental Protection

- Prevent entry into waterways and soil
- Do not discharge into sewers without dilution

6.3 Cleaning Methods

- Pick up with inert material (sand, soil)
- Place in suitable container for disposal

7. HANDLING AND STORAGE

7.1 Safe Handling

- Protect from frost
- Store in a cool, dark place
- Avoid splashing and aerosol formation

7.2 Storage Conditions

- Temperature: 5–25 °C (optimally 15–20 °C)
- Protect from sunlight
- Store in original container
- Separate from food and beverages

7.3 Storage Duration

- Shelf life: 12–15 months from manufacture
- After opening: 6 months

8. EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

8.1 Engineering Measures

- Ensure workplace ventilation
- Avoid direct contact

8.2 Personal Protective Equipment

Hand Protection:

- Nitrile or latex gloves

Eye Protection:

- Safety glasses

Respiratory Protection:

- Usually not required
- For spray work: FFP2 respirator

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 State of Matter

- Liquid
- Colour: Colourless to slightly greenish
- Odour: Characteristic (lemony)

9.2 pH Value

- pH 6.3–6.5 at 20 °C (Buffering System)

9.3 Viscosity

- Kinematic: 1–2 mPa·s

9.4 Solubility

- Soluble in water

9.5 Boiling Point

- > 100 °C

9.6 Freezing Point

- Approximately 0 °C

9.7 Density

- Approximately 1.0 g/cm³ at 20 °C

10. STABILITY AND REACTIVITY

10.1 Chemical Stability

Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

11.1 Toxic Effects

ADBAC: LD50 ~500 mg/kg (oral, rat) | APG: Low acute toxicity

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

ADBAC: H400/H410 (very toxic) | APG: Biodegradable

13. DISPOSAL CONSIDERATIONS

13.1 Product Disposal

According to local, regional and national regulations. Ideally biological treatment plants.

14. TRANSPORT INFORMATION

14.1 Classification

Not a hazardous substance under ADR/RID/IMDG/IATA. No transport restrictions.

15. REGULATORY INFORMATION

15.1 Safety, Health and Environment

- Regulation (EC) No 1272/2008 (CLP)
- Regulation (EU) No 528/2012 (Biocidal Products)
- Chemikaliengesetz Austria

16. OTHER INFORMATION

16.1 Training

Employees must be trained in safe handling. Read before use.

16.2 UFI

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- Issued by: CARE and SAFE.World s.r.o. | Date: 2026-07-14