

safety data sheet

to product

GREEN&CLEAN ID N Instr.-Disinfection 5 Liter

1. Identification of the substance / preparation and company

Emergency number:

Tox Info Suisse, Freiestrasse 16, 8032 Zürich; Tox-Info Suisse: 145 (24h-operation); info@toxinfo.ch;
In case of emergency: Tel. 145; (abroad: +41 44 251 51 51); information: +41 44 251 66 66

Company name:



abc dental ag

Gaswerkstrasse 6, 8952 Schlieren
Tel. 044 755 51 00, Fax 044 755 51 01



Condor Dental Research CO Sàrl

Ch. des Cibleries 2, CP 300, 1896 Vouvry
Tel. 024 482 61 61, Fax 024 482 61 69



Curaden AG Dentaldepot

Riedstrasse 12, 8953 Dietikon
Tel. 041 319 45 00, Fax 041 319 45 90



dema dent AG

Furtbachstrasse 16, 8107 Buchs
Tel. 044 838 65 65, Fax 044 838 65 66



Flexdental Services SA

Route de la Corniche 1, 1066 Epalinges
Tel. 0848 336 825, Fax 021 907 67 02



Jordi Röntgentechnik AG

Dammstrasse 70, 4142 Münchenstein
Tel. 061 417 93 93, Fax 061 417 93 94



Kaladent AG

Schachenstrasse 2, 9016 St. Gallen
Tel. 071 282 80 80, Fax 071 282 80 81



Lometral AG

Binzenholzstrasse 20, 5704 Egliswil
Tel. 062 775 05 05, Fax 062 775 33 07



Novadent AG

Sägereistrasse 17, 8152 Glattbrugg
Tel. 044 880 20 20, Fax 044 811 04 40



Smart Dentist AG

Verenastrasse 4b, 8832 Wollerau
Tel. 044 726 20 20, Fax 044 726 20 25

EN – Instructions for use

Translations

Translation of the original operation instruction



Tetras GmbH
Sirius Business Park, Rupert-Mayer-Str. 44, 81379 Munich, Germany

Images

The images contained in these instructions for use are for reference and may differ from the actual appearance of the product.

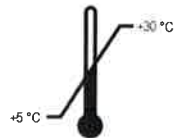
1. Notes

1.1. General instructions



UN 1903
DENTAL USE

Storage temperature



Product identifiers

2-amino-ethanol (141-43-5)
N,N-didecyl-N-methyl-poly(oxethyl) ammonium propionate (94667-33-1)
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (2372-82-9)

1.2. Explanation of the symbols

1	CE mark with notified body	14	Use protective apron
2	Medical device	15	Information
3	REF/order number	16	Protect from heat / Protect from sunlight
4	Batch designation	17	Protect from moisture / Store in a dry place
5	Expiry date	18	Fragile
6	Manufacturer	19	Package orientation at the top
7	Temperature limit	20	Limited quantity
8	Quantity information	21	Stacking limit n = (quantity)
9	Responsible for the translation	22	Corrosive
10	Observe instructions for use	23	Dangerous for the environment
11	Use hand protection	24	Harmful to health

12	Use eye protection	25	Hazardous goods class 8 „Corrosive substances“
13	Wear protective clothing		

1.3. Copyright notice

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2. Intended use

GREEN&CLEAN ID N is a concentrate for the disinfecting pre-cleaning of invasive and non-invasive dental instruments.

Indication: Reprocessing of contaminated dental instruments after treatment.

Contraindication: There are no contraindications related to specific patient populations or user groups. GREEN&CLEAN ID N is not suitable for the elimination of spores and prions.

Target group: Dentally trained health personnel.

3. Safety-related information

3.1. General safety-related information

All serious incidents related to the product must be reported to the manufacturer and the competent authority of the Member State where the user and/or the patient is resident.

3.2. Danger and safety information

The mixture is classified as hazardous according to (EC) regulation no. 1272/2008 (CLP).



Danger

H314	Causes severe skin burns and eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

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 CENTER/doctor/...
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to a suitable recycling or disposal facility.

3.3. Risks and side effects

This product has no direct skin contact with the user or the patient.

Danger and safety information for the user, see point 3.2.

3.4. First aid measures

Emergency number: Munich Poison Control +49 (0)89 19240

Description of the first aid measures

General instructions	Immediately remove contaminated, saturated clothing.
After inhalation	Ensure fresh air. After inhalation of spray, seek medical advice immediately and show the packaging or label. In case of inhalation of spray, consult a doctor and show the packaging or label. In case of breathing difficulties or respiratory arrest, initiate artificial respiration.
After skin contact	In case of skin irritation, consult a doctor. After contact with skin, wash immediately with plenty of soap and water.
After eye contact	In case of contact with eyes, rinse immediately with running water for 10 to 15 minutes with the eyelids open. Then consult an ophthalmologist.
After ingestion	Rinse mouth immediately and drink plenty of water. Do not induce vomiting. If swallowed, rinse the mouth with plenty of water (only if the person is conscious) and get medical help immediately.
Self-protection of the first aider	First aider: Pay attention to self-protection!
Indication of any immediate medical attention and special treatment needed	Information for the doctor Oxygen respiration if necessary. Elementary relief, decontamination, symptomatic treatment.

3.5. Personal protective equipment (PPE)

Eye/Face protection	Suitable eye protection: chemical splash goggles
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Hand protection	Suitable material: NBR (nitrile rubber). Thickness of the glove material: 0.4 mm Breakthrough time: >480 min Additional hand protection measures: Wear cotton undergloves if possible. Note: Approved protective gloves must be worn
Physical protection	Suitable physical protection: Laboratory coat Apron
Respiratory protection	Usually no personal respiratory protection is necessary.

3.6. Combination with other products / materials

Material compatibility

Examples of typical materials for medical devices tested for material compatibility:

anodised aluminium, powder coated aluminium, nickel-plated mild steel, polished martensitic steel, gold plated stainless steel, polyethylene, polymethacrylic methacrylate, tungsten carbide-nickel composite, polyvinyl chloride coating, isobutene-isoprene rubber (two types), polycarbonate optical lenses, silicate optical lenses

Test concentration of the product: 3.0 %

Test conditions: Immersion of the material samples at 20 °C for up to 19 days

Compatibility with Karl Storz endoscopes

Endoscope manufacturer Karl Storz (Germany) recommends GREEN&CLEAN ID N for all immersible instruments in its entire product range. Examinations by Karl Storz revealed no damage to their instruments. These results do not relate to the disinfection efficiency of the product on Karl Storz instruments or instrument parts.

4. Product description

4.1. Product description

Highly effective concentrate for the disinfecting, manual pre-cleaning of invasive and non-invasive instruments, including surgical instruments and endoscopes. Suitable for use in the ultrasonic unit and for thermolabile and thermostable instruments. The instruments are protected by the corrosion inhibitor contained. Free of aldehyde and phenol.

4.2. Composition

Preparation of quaternary ammonium compounds, alkylamine, non-ionic surfactants, corrosion inhibitor and water

4.3. Spectrum of action and exposure time

Spectrum of action	Standard	Test information	Exposure time	Solution ratio
bactericidal	EN 13727	high load	5 min	2.0 %
levurocidal	EN 13624	high load	5 min	1.0 %

Spectrum of action	Standard	Test information	Exposure time	Solution ratio
tuberculocidal	EN 14348	high load	60 min	1.0 %
germ carrier test bactericidal	EN 14561	high load	15 min	1.0 %
germ carrier test levurocidal	EN 14562	high load	15 min	1.0 %
germ carrier test tuberculocidal	EN 14563	high load	60 min	0.5 %
limited virucidal	EN 14476	low load	15 min	0.5 %

5. Use

5.1. Restriction of use

GREEN&CLEAN ID N is NOT suitable for the final disinfection or sterilisation of surgical instruments or endoscopes. Follow further reprocessing steps according to the instrument manufacturer's instructions, including rinsing, washing and final cleaning/sterilisation.

5.2. Dosage

Total volume	Final concentration		
	0.5 %	1.0 %	2.0 %
1 l	5 ml	10 ml	20 ml
2 l	10 ml	20 ml	40 ml
3 l	15 ml	30 ml	60 ml
4 l	20 ml	40 ml	80 ml
5 l	25 ml	50 ml	100 ml

5.3. Application

Note

- > Prepare solution with cold water only
- > Observe dosage and exposure time exactly
- > Follow the instructions of the instrument manufacturer

Preparing the disinfection bath

²⁶ Dose the GREEN&CLEAN ID N concentrate in the desired quantity.

Pour the concentrate into the disinfection bath and mix with cold water.

27 Cover the bath to protect the solution from contamination.



Observe the information in the dosage table.

28 Important: Note the date on which the solution was mixed.



The solution has a standing time of 7 days; however, it must be replaced immediately when heavily contaminated.

6. Disposal

Dispose of product in compliance with official regulations.

	before intended use	after intended use
	Product	Packaging
Product waste code	70699	150102
Hazardous waste	No	No
Waste designation	Waste not otherwise specified	Plastic packaging

7. Annex

7.1. REF numbers and scope of delivery

REF	Designation
60030033	GREEN&CLEAN ID N 500 ml, 4 x 500 ml, measuring beaker
60030034	GREEN&CLEAN ID N 5 L, 1 x 5 L canister

7.2. Change history

Revision	Date	Description
ZK-58.105/00	22.06.2021	Newly created.

Subject to printing and setting errors!