

Product Information Sheet - CDSplus® (EN, US)

Use biocides safely! Always read the label and product information before use!

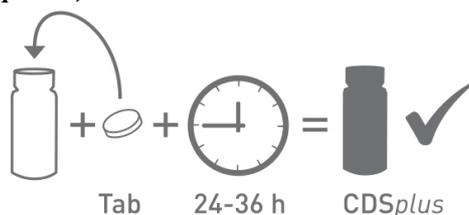
The two-component product CDSplus® of AQUARIUS pro life® provides reliable protection against **bacteria, viruses, fungi, spores, algae, mites, parasites, biofilms** and other pathogenic bacteria such as **Legionella**.

Fields of Applications: Our CDSplus is approved for drinking water treatment, for portable outdoor use such as hiking, camping, caravans, boats, apartments, for general disinfection in the private sector and for the hygiene in the livestock sector. It's easy and safe to use and works quickly and reliably on the basis of chlorine dioxide, the most powerful virus and bacteria killer known to man. It cleans meat, fruit and vegetables as against hepatitis A, MRSA, EHEC, anthrax and Escherichia coli.

Advantages: Its durability, standardization and stabilization are the decisive advantages over other ready to use chlorine dioxide solution (CDS) in the market. Moreover, it is immediately after the activation **ph-neutral** and **100% chlorine-free** (no toxic chlorates) and thus highly compatible.

Storage and Shelf Life: When not activated, CDSplus is durable for 2-5 years. Store dry, upright, tightly closed, and out of reach of children!

Activation (only if required):



Open the lid, put activation tablet into the liquid component, close the lid and wait for reaction time of 24 to 36 hours at room temperature. The yellow solution is now ready for use. Keep solution in the product bottle or in glass bottles! There is always the whole bottle at once activated, no partial activations possible. **Never use a component alone. Never swallow tablet!** After activation, the solution is durable for approximately 6-9 months if cooled at (<11 degrees Celsius, fridge) and stored dark and should be used at this time.

Application: CDSplus is after activating a pure, ph-neutral and aqueous chlorine dioxide solution (ca. 0.29%) as a biocide for highly effective control of pathogenic germs of all kinds with an efficiency of 99.9999%. TÜV Rheinland has proofed the EU conformity of this product.

Recommended dosage:

General surface disinfection: Give approx. 2.5 ml activated CDSplus in our 10ml Miron glass bottle (accessory **Dosing set**), fill with water (mix about 1: 3) and screw the pump spray closure. Spray surfaces evenly, allow to act briefly and wipe. With very strong germs surfaces can be treated purely.

Drinking water treatment, tank and line Disinfection: For a base cleaning of fresh water tanks and piping systems 100 ml activated solution per 50 liters of water tanks (aluminium tank suitable) is needed. Open all sampling locations until solution exits. Note the exposure time of 6-12 hours. Then empty the tank and refill just yet (rinsing not necessary). To prevent recontamination (continuous disinfection) 100ml / 250ml / 1,000 ml for approximately 1,500 / 3,750 / 15,000 liters of drinking water are needed. According 1ml is enough for about 15 liters of drinking water. According to legal norms in European drinking water after completion of treatment a chlorine dioxide

concentration of max. 0.2 to 0.4 g/l (0.2 mg/l in Germany and 0.4 mg/l for example in Spain and Austria) must remain. CDSplus can be dosed accurately in drops or in millilitres (ml)! We recommend our convenient **Dosing set!**

Over / under dosing: Lower dosages may result in rest amounts of germs and thus can lead to serious diseases, so far no lasting side effects are known to overdoses up to 20 times.

Disposal: The activated solution simply disintegrates immediately upon sterilization or by some life to water, oxygen and small amounts of salt and can be poured into drains diluted with plenty of water easily. Activate not activated matrices and then diluted with plenty of water pour into drains.

Protecting the environment: CDSplus is biologically degradable. The raw materials for our environmentally friendly packaging and the informational sheet are printed on material from sustainably managed forests that have FSC (Forest Stewardship Council) and is climate-neutral. Please recycle old paper. Our bottles, the childproof fasteners and the labels are a defined variety of PE material and should be recycled. Take responsibility for your environment!

Ingredients: 100ml/250ml/1000ml liquid component: <1% chlorite solution, tablet for 100ml/250ml/1000ml: about **0,84g/2,1g/8,4g** UN 1505 LQ sodium persulfate 5.1, III CAS-Nr: 7775-27-1 incl. patented buffer system. The activated solution containing chlorine dioxide (ca. 2,9g/l =ca. 0,29%/l), CAS Nr: 10049-04-4, EC-Nr.: 233-162-8. Our products do not contain silver ions!

Security advice on activated product: Keep container tightly sealed. Storage only in original container in a cool room temperature. Do not store together with sows, acid salts, reducing agents and combustible materials. Protect from direct sunlight. Wear suitable protective clothing and eye / face protection. Keep locked up and out of reach of children! **First Aid Measures:** After inhalation: Give fresh air or oxygen, consult doctor if necessary. After skin contact: Take off contaminated clothing and wash affected skin areas with soap and water thoroughly. After eye contact: Rinse opened 15 min. do the washing up. After swallowing: Drink plenty of water. Do not induce vomiting, seek immediate medical attention.

Important information: The liquid component is **NOT** a dangerous material with regard to EC guidelines. The product unit is **NOT** a dangerous good with regards to GGVS (German dangerous road haulage ordinance). The activated product is **NOT** a more dangerous material with regards to EC guidelines.

Manufacturer: AQUARIUS pro life (CY) Ltd., Lordou Vyronos 61-63, 6023 Larnaca, Cyprus

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