Hygiene

Product sheet – Chrysal Clean Touch Disinfectant *Concentrated*

General

- Clean Touch Disinfectant Concentrated is a biocidal product* especially for the professional market.
- This product is to be used in bucket washing machines or cleaning installations.
- Available in 25 litre can.

* Please check with your local contact if registration is required.

Effects

- Kills bacteria effectively.
- Long-lasting effect (up to 4 weeks).

Advantages

- Residues of the diluted product are not harmful to flowers.
- Odourless product, no irritant vapours.
- No rinsing needed after using the diluted product.
- Fully biodegradable product (breaks down in H_2O and CO_2).

Applications

- To be used to disinfect (procona) buckets, crates, auction containers etc..
- Use a low pressure applicator or other suitable spraying device.

Usage

- Read instructions for use (see can label) and Safety Instruction Card before using this product.
- Advised dosage is 7.5% (750ml of product per 10 litres of water).
- Apply in a sufficient quantity to ensure that the buckets remain wet for at least 30 minutes.
- Allow to air dry, do not rinse or wipe.
- Do not pump the concentrate back into the original packaging.

Recommendations

- Store under cool conditions, preferably between 5°C and 25°C.
- Shelf life: 12 months in sealed packaging if stored under the right conditions.
- Residual solutions may be drained into the sewer system.
- Can cause corrosion on prolonged contact with metals, except stainless steel.

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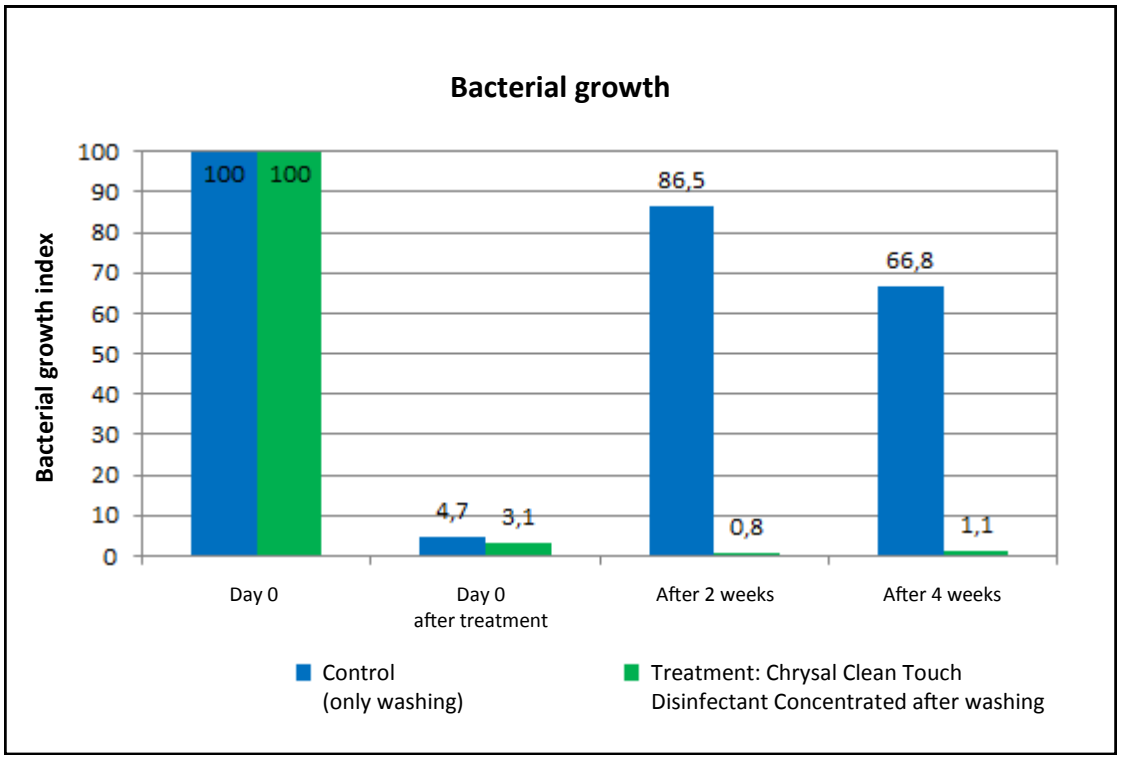
Test Results

The following graph shows the disinfectant effect of Chrysal Clean Touch Disinfectant Concentrated on dirty flower buckets. The buckets are washed, after which half of the buckets are sprayed with Clean Touch. The buckets were stored stacked and tested after 2 and 4 weeks.



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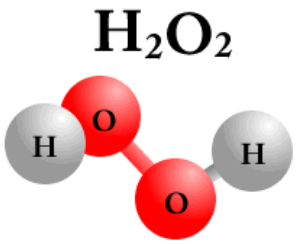
SAFETY INSTRUCTION CARD

Clean Touch Disinfectant Concentrated



DANGER

Risk of serious damage to eyes

Harmful if swallowed or inhaled

Irritating to respiratory system and skin

Operator Risk: Inhalation exposure is considered to be negligible due to the low vapour pressure. Ingestion of the product can be excluded when used according to label directions.
Occupational exposure may occur during the preparation of the ready to use solution. Dermal exposure to dilute solutions (> 5% H_2O_2) or repeated exposure to more diluted solutions may cause whitening of the skin. Solutions of 35% hydrogen peroxide cause mild irritation of the skin. Ocular exposure to hydrogen peroxide may cause serious damage to the eyes.
Hydrogen peroxide can damage certain fabrics, just like bleach.

PREVENTION

Wear suitable protective gloves

Wear eye or face protection

Wear suitable protective clothing

Avoid splashing and aerosol formation!

Do not eat, drink or smoke while working. Wash hands after use.

FIRST AID

After (prolonged) skin contact:
Possible symptoms - white rash / redness / irritation => flush with plenty of clean water, seek medical attention if irritation persists (the white rash usually disappear after a short time).
After (prolonged) contact with the eyes:
Possible symptoms - red eyes / burning / disturbed vision => rinse immediately with plenty of water for a few minutes, consult a doctor if the irritation persist.
After swallowing:
Possible symptoms - sore throat / cough / nausea / abdominal pain => Rinse mouth with water, do not swallow. If swallowed drink two glasses of water or milk. Always consult a doctor!

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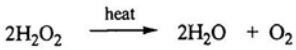
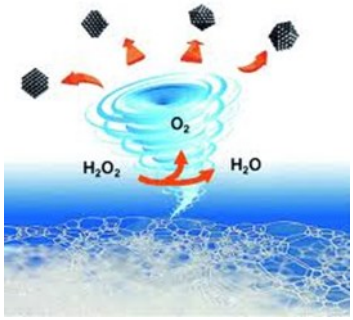


DANGER



UN 2014
Class 5.1 + 8

Oxidizing and
Corrosive substance

Risks during transport / storage and misuse:
Hydrogen peroxide is a strong oxidant and reacts violently with combustible and reducing materials causing fire and explosion.
The hydrogen peroxide in Clean Touch Disinfectant Concentrated is stabilized and will not disintegrate that easily. However, **high temperatures and impurities** tend to increase the degradation**.**
Oxygen and heat are released. In dilute solutions, the heat is absorbed by the water. In more concentrated solutions, the temperature of the solution is increased, and the degradation of hydrogen peroxide is accelerated. Hydrogen peroxide itself is not flammable, but the release of oxygen may result in the combustion of other substances.
The RTU solution is not corrosive to metals but the concentrated product can be corrosive to uncoated ferrous metals (except stainless steel).

PREVENTION

Warehouse storage:
Only store in the original UN packaging (HDPE with vented-cap).
Do not store product where the average daily temperature exceeds 35°C / 95°F. Do not store next to a heat source or in direct sunlight.
The amount of product that can be stored will depend on the country/local legislation and the license of the company.
Class 5.1 products should always be stored separately from flammable, strong reducing and alkaline substances.
Storage in process areas and workrooms:
The quantity of any dangerous substance should be as small as is reasonably practicable. Material that is not in use should be returned to the designated storage area.
Never return unused chemicals to their original containers!
Avoid contamination of the product at all times! Small amounts of catalyst (e.g. lead, copper, chromium, rust) can cause extensive decomposition of hydrogen peroxide and may result in build-up of dangerous pressures.

The best practice is to prevent contamination through proper handling.
Read the instructions for use and consult the Safety Data Sheet before using this product.
Use the safest method of dosing. Preference should be given to automatic dosing systems. The dosing system must be designed to prevent siphoning or back-flow of process fluids into the original product container.
Use only materials that are resistant to H2O2 as (HD)PE, PTFE, aluminium and stainless steel 304/316. Suitable glove material: Neoprene, Nitrile, Viton, Latex.

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