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FLORE SANITA

TECHNICAL DATA SHEET

TL 716/2015

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Chemical characteristics of the product

Water solution of sodium hypochlorite

Application

FLORE SANITA is bactericidal, fungicidal, cleaning and whitening agent for the surface spaces. It is designed for water disinfection (swimming pools, wells) and for washing and disinfecting washable surfaces and objects. It is used for disinfection and sanitary purposes in households, healthcare, agriculture, and food industry. It is suitable for the disinfection of sanitary devices, facilities for public catering, swimming pools, spas, hairdressers, and similar. It safely destroys bacteria, algae, and microscopic fungi.

Properties of the product

FLORE SANITA is yellowish to green, slightly opalescent liquid. It is diluted with cold water, the resulting solutions are clear to mild opalescent.

FLORE SANITA must comply with the quality marks:

Quality mark	Value	Methodology for specification
Active chlorine g/litre	45 to 49	ČSN EN 901 (75 5835)
Product appearance	Yellowish to green, clear to slightly opalescent liquid	PN-ZM 716/2015

Product processing

Recommended dosing depends on the respective agent application.

1. Disinfecting of floors, surfaces, kitchen and hygienic tools and facilities, and sanitary ceramics.

For cleaning and disinfecting of floors, furniture, and both kitchen and hygiene utensils. Use a mixture of 1 litre FLORE SANITA to 9 litres of water. Heavy contamination needs to be mechanically removed first. Toys, objects, and surfaces that are in contact with food need to be washed with drinking water after 30 minutes.

It must not be used on metal and enamel surfaces, subjects made from non-ferrous metals and polyamide, textile, wood, and rubber. Non colour-stable objects may lose colour.

3. The disposal of moulds and bacterial on the walls, wood, tiles, etc.

It is used undiluted. The places affected are sprayed from distance 10 to 20 cm, and the treated place can be washed with water after 15 to 20 minutes or leave the agent to dry. Do not remove the mould before spraying to avoid the spreading of dangerous spores. In case of heavy contamination, repeat several times. Do not use on metals. Metal objects must be rinsed with water immediately.

4. Disinfection of drinking water in wells, flow ducts, etc.

Put 20 ml of **FLORE SANITA** for every 1,000 l of drinking water. Sprinkle the water surface with diluted **FLORE SANITA** (e.g. mixed in a bucket or another suitable plastic vessel). After 30 minutes, the water is disinfected, and the active ingredient decomposed.

5. Disinfection and liquidation of algae in swimming pools

FLORE SANITA can be used as full season disinfection tool for the operation of swimming pools treated with chlorine-based agents.

Initial dose: For first swimming pool initiation dose, use 160 ml for 3 m³ of water. First mix in 9 l of water (e.g. a bucket or another suitable plastic vessel) and then gradually pour into the swimming pool.

Maintenance dose: For common disinfecting and maintenance of proper concentration of active chlorine in the swimming pool, use 80 ml of **FLORE SANITA** for 3 m³ of water.

Shock dose: In case of algae occurrence; long-term hot weather; or increased use of the swimming pool, use a one-shot dose of 240 ml of **FLORE SANITA** for 3 m³ of water.

Packaging, storage

FLORE SANITA is supplied in PE cans with volume 25 to 50 litres or in PE canisters with volume 5 and 10 litres, in PE bottles 0,5 and 1 litre, potentially in other pre-agreed packages. Store in closed packages in the locations protected from direct weather conditions. It must not be stored in sunlight and close to heat sources. Recommended storage temperature is +5 to +25 °C.

Short time exposure to higher temperatures, e.g. during transport, does not affect the product application features.

Transport

FLORE SANITA is transported in covered transport vehicles in compliance with regulations ADR/RID.

Guarantee period

If the product is transported and stored as per the above defined conditions, the period of application is 12 months from the date of production.

Note

The data on the product properties and its processing were received by laboratory measuring and application tests. This technical data sheet can be used for reference purposes, the product processing must be adapted to the specific conditions.

FLORE SANITA

Liquid disinfection, fungicidal, and cleaning agent with whitening effects

It is used for disinfection and sanitary purposes in households, healthcare, agriculture, food industry, etc.

It is used for the liquidation of moulds and disinfection of drinking water.

It has bactericidal, fungicidal, and algacide effects.

The product contains sodium hypochlorite 47 grams/kg (4,7 %)

Disinfecting of floors, surfaces, kitchen and hygienic tools and facilities, and sanitary ceramics.

For cleaning and disinfecting of floors, furniture, and both kitchen and hygiene utensils. Use a mixture of 1 litre FLORE SANITA to 9 litres of water. Heavy contamination needs to be mechanically removed first. Toys, objects, and surfaces that are in contact with food need to be washed with drinking water after 30 minutes. It must not be used on metal and enamel surfaces, subjects made from non-ferrous metals and polyamide, textile, wood, and rubber. Non colour-stable objects may lose colour.

The disposal of moulds and bacterial on the walls, tiles, etc.

It is used undiluted. The places affected are sprayed from distance 10 to 20 cm, and the treated place can be washed with water after 15 to 20 minutes or leave the agent to dry. Do not remove the mould before spraying to avoid the spreading of dangerous spores. In case of heavy contamination, repeat several times. Do not use on metals. Metal objects must be rinsed with water immediately.

Disinfection of drinking water in wells, flow ducts, etc.

Put 20 ml of **FLORE SANITA** for every 1,000 l of drinking water. Sprinkle the water surface with diluted **FLORE SANITA** (e.g. mixed in a bucket or another suitable plastic vessel). After 30 minutes, the water is disinfected, and the active ingredient decomposed.

Disinfection and liquidation of algae in swimming pools

FLORE SANITA can be used as full season disinfection tool for the operation of swimming pools treated with chlorine-based agents.

Swimming is possible after 30 minutes after the application.

Initial dose: For first swimming pool initiation dose, use 160 ml for 3 m³ of water. First mix in 9 l of water (e.g. a bucket or another suitable plastic vessel) and then gradually pour into the swimming pool.

Maintenance dose: For common disinfecting and maintenance of proper concentration of active chlorine in the swimming pool, use 80 ml of **FLORE SANITA** for 3 m³ of water every 2 to 3 days. In case of long lasting air temperatures above 25 °C and permanent sunlight requires the daily dose application.

Shock dose: In case of algae occurrence; long-term hot weather; or increased use of the swimming pool, use a one-shot dose of 240 ml of **FLORE SANITA** for 3 m³ of water.

H315 Causes skin irritation. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. EUH031 Releases toxic gas in combination with acids. P102 Keep out of reach of children. P260 Do not inhale mist/vapours/aerosols. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Careful rinse eyes with water for several minutes. If possible, remove contact lenses, (if wearing them). Continue rinsing. P302+P352 UPON SKIN CONTACT: Wash thoroughly with soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P271 Use outdoors or in well aerated rooms only. P273 Avoid release to the environment.

**Attention! Do not use in combination with other products. May release dangerous gas (chlorine).
Use the biocide agent in safe manner. Always read the label and information on the agent before use.**

Storage

In dry, covered, and clean areas, in enclosed packages, recommended storage temperatures + 5 to +25 °C. Keep away from heat and sunlight.

Usable life:

12 months from the production date marked on the package.

Instructions for safe disposal of biocidal product and its packaging:

Dilute the residual agent amounts with large amount of water and pour it in the waste or submit it to the specialised company. After they are thoroughly rinsed, empty packages are to be submitted for recycling.

Manufacturer

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Tel. +420 412 709 222, www.chemotex.cz

Batch number: See the packaging

FLORE SANITA

SK

Kvapalný dezinfekčný, fungicídny a čistiaci prípravok s bieliacim účinkom
Používa sa k dezinfekčným a sanitárnym účelom v domácnosti, zdravotníctve, poľnohospodárstve, potravinárstve a pod.
Používa sa tiež k likvidácii plesní a na dezinfekciu pitnej vody.

Prípravok má baktericídne, fungicídne a algicídne účinky.
Výrobok obsahuje chlórnan sodný 47 gramov/kg (4,7 %)

Dezinfekcia podláh, povrchov, kuchynského a hygienického náradia a zariadenia a sanitárnej keramiky
Služí na čistenie a dezinfekciu podláh, nábytku, kuchynského a hygienického náradia. Použite roztok z 1 litru **FLORE SANITA** a 9 litrov vody. Silné znečistenie najprv mechanicky odstráňte. Hračky, predmety a plochy, ktoré prichádzajú do styku s potravinami, opláchnite po 30 minútach pitnou vodou. Nesmie sa používať na kovové a smaltované povrchy, predmety z farebných kovov a polyamidu, na tkaninu, kožu, drevo a gumu. Nestálofarebné predmety sa môžu odfarbovať.

Likvidácia plesní a baktérií na stenách, obkladačkách apod.
Používa sa neriedený. Napadnuté miesta sa postriekajú zo vzdialenosti 10 až 20 cm a po 15 až 20 minútach sa ošetrené miesta môže umyť vodou alebo sa prípravok nechá zaschnúť. Plesneň sa pred postrekom neodstraňuje, aby nedošlo k rozptýleniu nebezpečných výtrusov. Pri silnom napadnutí sa postup niekoľkokrát opakuje. Nesmie sa používať na kovy. Kovové predmety pri zasiahnutí ihneď opláchnuť vodou.

Dezinfekcia pitnej vody v studniach, samospádových vodovodoch a pod.
Dávkujte na každých 1000 litrov pitnej vody 20 ml **FLORE SANITA**. Vodnú hladinu pokropte nariadeným roztokom FLORE SANITA (namiešať napr. vo vedre alebo inej vhodnej plastovej nádobe). Po 30 minútach je voda dezinfikovaná a súčasne dochádza k rozloženiu účinnej látky.

Dezinfekcia a likvidácia rias v bazénoch
FLORE SANITA možno použiť ako celosezónne dezinfekčný prostriedok pre prevádzku bazénov ošetrovaných prípravky na báze chlóru. Kúpanie je možné po 30 minútach od aplikácie.

Iniciačná dávka: Ako prvú iniciačnú dávku do bazéna dávkujte 160 ml na 3 m³ vody. Dávku najprv rozmiešajte v 9 litroch vody (napríklad namiešajte v vedre alebo inej vhodnej plastovej nádobe) a potom vlejte po častiach do bazéna.

Udržiavacia dávka: Pre bežnú dezinfekciu a udržanie správnej koncentrácie voľného chlóru v bazéne dávkujte 80 ml FLORE SANITA na 3 m³ vody každé 2 až 3 dni. Pri dlhotrvajúcich teplotách vzduchu nad 25 ° C a trvalom slnečnom svite je vhodné aplikovať uvedenú dávku denne.

Šoková dávka: Pri výskyte rias, dlhodobom horúcom počasí alebo zvýšenej prevádzke. Dávkujte jednorázovo 240 ml FLORE SANITA na 3 m³.

H315 Dráždi kožu. H319 Spôsobuje vážne podráždenie očí. **H400** Veľmi toxický pre vodné organizmy. EUH031 Pri kontakte s kyselinami uvoľňuje toxický plyn.. P102 Uchovávať mimo dosahu detí. P260 Nevdychujte hmlu/pary/aerosóly. **P280** Noste ochranné rukavice/ochranný odev/ochranné okuliare/ochranu tváre. P305+P351+P338 PO ZASIAHNUTÍ OČÍ: Niekoľko minút ich opatrne minút vyplachujte vodou. Ak používate kontaktné šošovky a ak je to možné, odstráňte ich. Pokračujte vo vyplachovaní. P302+P352 PRI KONTAKTE S POKOŽKOU: Umyte veľkým množstvom vody a mydla. P332+P313 Ak sa prejaví podráždenie pokožky: Vyhľadajte lekársku pomoc/starostlivosť. P301+P312 PO POŽITÍ: Pri zdravotných problémoch, volajte TOXIKOLOGICKÉ INFORMACNÉ CENTRUM/lekára. P271 Používajte iba na voľnom priestranstve alebo v dobre vetranom priestore. P273 Zabráňte uvoľneniu do životného prostredia

Pozor! Nepoužívajte spolu s inými výrobkami. Môže uvoľňovať nebezpečné plyny (chlór)
Používajte biocídny výrobok bezpečne. Pred použitím si vždy prečítajte etiketu a informácie o prípravku.

Skladovanie
V suchých, krytých a čistých priestoroch, v uzavretom obale, doporučená teplota skladovania + 5 až + 25 ° C. Chráňte pred teplom a slnečným svetlom.

Doba použiteľnosti
12 mesiacov od dátumu výroby, uvedeného na obale

Pokyny pre bezpečné zneškodnenie biocídneho výrobku a jeho obalu
Zostatkové množstvá prípravku nareďte veľkým množstvom vody a vyliť do odpadu alebo odovzdať špecializovanej firme. Prázdne obaly po dôkladnom vypláchnutí odovzdajte na recykláciu.

Výrobca
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Číslo šarže: Uvedené na obale



WARNING/ ATTENTION

Pictograms

