MOONMED IS PROUD TO INTRODUCE MONDIAL SP3 - A CORONA-BUSTING WATER-SOLUBLE POWDERED DISINFECTANT.

Scientifically proven to kill SARS-CoV-2 virus as well as other pathogens.

Officially tested and approved by the Italian Ministry of Health.

Prevention is the best treatment.

PRODUCT NAME:
Mondial SP3 multi-purpose disinfectant.

Proven to kill SARS-CoV-2 virus as well as other bacterial and fungal pathogens (such as M. Tuberculosis, which causes TB).

SP3 is effective against all the viruses according to EN14476 included Coronaviridae families.
INTRODUCING MOONMED SP3 - CORONA-BUSTING WATER-SOLUBLE POWDERED DISINFECTANT.

- Scientifically proven to kill SARS-CoV-2 virus as well as other pathogens.
- Tested and officially approved by the Italian Health Department.

Bacterial and viral infections remain the leading cause of death both in the developed and developing world to this very day.

ANYONE COULD BECOME INFECTED
PREVENTION IS THE BEST TREATMENT!

Each object (scientists refer to those as we come into contact with (in particular high-touch surfaces) could become contaminated with pathogens – viruses, bacteria and fungi.

- Viral hepatitis
- Norovirus, rhinovirus
- HIV
- Coronaviridae (a group of viruses, such as the common flu and its notorious H1N1 subtype, as well as 2019-nCoV, SARS-CoV-2, and MERS-CoV), not to mention MERS, Staph.aureus, etc.

A single doorknob is capable of transmitting pathogens to 70% of occupants in a residential building within minutes!
PROVEN TO KILL 26 VARIOUS VIRUSES
INCLUDING CORONA SARS-COV-2
14 BACTERIA TYPES
4 SPORE TYPES
5 FUNGI TYPES
TB AND OTHER MYCOBACTERIA

THE MAIN RISK-PRONE AREAS

Given below are typical sources of infection (incomplete list).
All these places must be routinely disinfected.

- Healthcare facilities (hospitals, nursing and assisted living homes).
- Hospitality industry - hotels, hostels, motels, etc.
- Recreational facilities - gyms and fitness halls, swimming pools, public bathing facilities, tanning salons, etc.
- Any public place and space experiencing continuous foot traffic - stores, airports, museums and trade fair halls, gov’t institutions, office buildings are all prone to disease outbreaks sparked by viral or bacterial pathogens.
- Places of worship - churches, mosques, synagogues, shrines, etc.
- Educational institutions - daycare facilities, schools and universities, etc. Office furniture (desks) has been found to contain more pathogens than a toilet seat in a public restroom.
- Public transit system - subway, buses and taxi cabs can all contribute to spreading the pathogens by means of contaminated surfaces, objects (fomites) as well as air as we all have come to learn during this ongoing Covid-19-pandemic.
- Elevators, escalator and stair railings, etc.
- Homes, especially when shared by large families of various age groups.

MOONMED'S SP3 POWDERED DISINFECTANT PROVIDES AN ULTIMATE DISINFECTION SOLUTION TO MEET ALL YOUR NEEDS AT AN AFFORDABLE PRICE GIVING YOU PEACE OF MIND AT ALL TIMES.

MOONMED SP3 TEST RESULTS:
(SEE OUR COMPLETE TEST REPORT FROM A G4 LABORATORY)

- PROVEN TO KILL 26 VARIOUS VIRUSES INCLUDING CORONA SARS-COV-2
- 14 BACTERIA TYPES
- 4 SPORE TYPES
- 5 FUNGI TYPES
- TB AND OTHER MYCOBACTERIA
MOONMED SP3 - WATER-SOLUBLE POWDERED DISINFECTANT

WHY CHOOSE SP3?

1. The product has been scientifically proven to be effective in neutralising coronaviruses as well as other pathogens at room temperature. Given the above, the range of applications SP3 offers in various settings (hospitals, offices, shops, pharmacies, schools, public areas, homes, etc...) is truly impressive along with it being safe to use. Peracetic acid being the active component of the disinfectant disintegrates into harmless acetic acid, oxygen and water.

2. SP3 is the first Class IIB disinfectant that can be used to sterilize medical equipment i.e. machines, instruments, glassware, endoscopes and all scopes, ventilator tubes and masks etc. at room temperature. What makes it one of a kind is that it has been scientifically proven to be at par with autoclave sterilization process reaching a log $10^6$ thus offering immense benefits in the absence of autoclaves. (SAL of 10-6 indicates a 1 in 1,000,000 likelihood of an organism surviving to the end of the sterilization process).

3. Being a powdered formula, it is easy to transport as it requires dilution with tap water prior to application. This significantly cuts the logistical costs. Moreover the undiluted powdered product boasts an excellent shelf life of two years or more.
## CORONA TEST REPORT

Responsabile dello studio: D.ssa P. Consonni

<table>
<thead>
<tr>
<th>Concentrazione testata di FT13</th>
<th>Normativa applicata</th>
<th>Microrganismo</th>
<th>Tempo di contatto</th>
<th>Attività Biocida dimostrata di FT13</th>
</tr>
</thead>
<tbody>
<tr>
<td>1%</td>
<td>Noma Europe prEN14476</td>
<td>Poliovirus Type 1 ATCC-VR-192</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>Noma Europe prEN14476</td>
<td>Adenovirus Type 5 ATCC-VR-5</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Citomegalovirus (CNV)</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Enerovirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Hepatitis A virus (HAV)</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Hepatitis B virus (HBV)</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Hepatitis C virus (HCV)</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Human Immunodeficiency Virus (HIV)</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Parvovirus B 19</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Herpesvirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Measles Virus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Orthomyxovirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Paramyxovirus (e.g. Respiratory Syncitial Virus (RSV))</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Reovirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Rhinovirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Rubella virus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Agenti di transmissibile spongiform encephalopathy (TSE) so far not established as virus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Papovavirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Rotavirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Astrovirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Calicivirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Coronavirus SARS</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Hepatitis E virus (HEV)</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Rotavirus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Small Round Structured Virus</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
<tr>
<td>1%</td>
<td>per esenzione secondo quanto previsto dalla Noma Europe prEN14476</td>
<td>Human T Cell Leukemia Virus (HTLV)</td>
<td>10'-30'</td>
<td>Virucida</td>
</tr>
</tbody>
</table>
MOST EFFECTIVE WAY TO SPRAY
MoonMed Recommended Method of Application

In order to have the best effective way of applying the disinfectant we strongly recommend WAGNER HVLP (High Volume Low Pressure) machine for smaller areas, and the Pro-Spray Wagner range for medium to Large size areas. The spay nozzles use a very fine atomization spray to produce an excellent coverage with a single coat that minimizes wastage of product.

Technical Specifications

W 460 HVLP
- Flow Rate = 0.5 L/Minute
- Container Feed System
- Ease of use and good control
- Water based disinfectant only

Control Pro 250M
- Flow Rate = 1.25 L/Minute
- Direct Suction System
- Material saving tip (HEA)

Control Spray PS20
- Flow Rate = 2.6L/Minute
- Direct suction system
- High speed / large coverage area
- Multiple guns, hose length and tips

Technical Specifications

Power : 450W
Coverage capability : 15 m² in 10 min
Disinfectant consumption : 0.5 liters per minute
Container capacity : 1300 ml
Pipe length : 1.8 meters
Designation : Designed for small to large area jobs, for interior and exterior disinfecting
Usage : Low usage intensity
Price : Upon request

Power : 550W
Coverage capability : 15 m² in 2 minutes
Maximum pressure : 110 Bar
Disinfectant consumption : 1.25 liters per minute
Maximum nozzle : 0.017”
Pipe length : 9 meters
Weight : 7.6 kg
Note : Supplied with 2 nozzles for thin and thicker mixtures (311-for thin, 517-for thick)
Designation : Designed for small to medium-sized area jobs, for interior and exterior disinfecting for the highest quality coverage. Intended for water-based disinfectants, also not suitable for thick materials such as paints
Usage : Medium Usage intensity
Price : Upon request

Power : 0.9 KW
Electric Power : 230V / 50HZ
Coverage capability : 20 m² in 2 minutes
Maximum pressure : 214 Bar
Weight : 15.2 kg
Maximum nozzle recommended : 0.021”
Disinfectant Consumption : 1.6 liters per minute
The system includes : Direct suction system, Din 6, 15 meter high pressure hose.
Application materials : Disinfectants, multi-flexible smooth. HEA High Efficiency Airless spay up to 55% less overspray
Designation : Medium/Large exterior and interior disinfection, parking lots, outside areas work at height.
Usage : High usage intensity
Price : Upon request

Technical Specifications

Power : 550W
Coverage capability : 15 m² in 2 minutes
Maximum pressure : 110 Bar
Disinfectant consumption : 1.25 liters per minute
Maximum nozzle : 0.017”
Pipe length : 9 meters
Weight : 7.6 kg
Note : Supplied with 2 nozzles for thin and thicker mixtures (311-for thin, 517-for thick)
Designation : Designed for small to medium-sized area jobs, for interior and exterior disinfecting for the highest quality coverage. Intended for water-based disinfectants, also not suitable for thick materials such as paints
Usage : Medium Usage intensity
Price : Upon request

Power : 0.9 KW
Electric Power : 230V / 50HZ
Coverage capability : 20 m² in 2 minutes
Maximum pressure : 214 Bar
Weight : 15.2 kg
Maximum nozzle recommended : 0.021”
Disinfectant Consumption : 1.6 liters per minute
The system includes : Direct suction system, Din 6, 15 meter high pressure hose.
Application materials : Disinfectants, multi-flexible smooth. HEA High Efficiency Airless spay up to 55% less overspray
Designation : Medium/Large exterior and interior disinfection, parking lots, outside areas work at height.
Usage : High usage intensity
Price : Upon request

EFFECTIVE COVERAGE AND USAGE OF SP3 DISINFECTANT

<table>
<thead>
<tr>
<th>LITERS</th>
<th>ROOM SIZE/AREA M³</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>30</td>
</tr>
<tr>
<td>2</td>
<td>60</td>
</tr>
<tr>
<td>5</td>
<td>150</td>
</tr>
</tbody>
</table>
**SP3**

Medical device of high disinfection and chemical sterilization of Class IIB high-disinfection and chemical sterilization agent (classified as Class IIb medical devices).

**CLASS IIB MEDICAL DEVICE ACCORDING TO 93/42/EEC AND 07/47/EEC**

**CE MARKING**

CE of the notified body No.0546 CERTIQUALITY MILAN INSTITUTE. The device indicated is to be part of the Class IIB; SP3, is a high disinfection disinfectant SP3 is a high-grade disinfectant or high-grade disinfection. Agent along with being a properly validated cold chemical sterilizer and tested according to the European Standard EN14937:2009.

SP3, is a powdered water-soluble product designed for cold chemical sterilization applications, high-level disinfection, decontamination of reusable washable medical equipment, surgical devices in various settings - medical facilities, biology and clinical research laboratories, dental practices, etc.

SP3, is an active powder based with high-quality selected raw materials that, dissolve in water, made up of peracetic acid and active oxygen having a very valid and complete biocide effectiveness.

**CONTACT TIMES**

The product requires contact times as indicated below:

- 10 minutes at 5 g/L (for primary disinfection and decontamination);
- 10 minutes at 20 g/L (for high-level disinfection applications) and 30 minutes at 20 g/L concentration (cold sterilant).
Usage Instructions

The product is to be diluted with tap water prior to intended application as a disinfection agent. Follow the steps as described below:

- A dose of SP3 in the water (activation starts) preferably at 20-25 degrees celsius
- Shake until the powder is fully dissolved (1-2 minutes at most)
- Allow for 10 minutes for the activation to begin. At this point the solution is ready to be used. The product provides contact times of 10 minutes per dose of 5g/L for primary disinfection and decontamination, and 30-minute contact times at the 20g/L dose for high disinfection processes such as cold sterilizing.

Key advantages:

- Non-toxic, non-irritating substance. No harmful gases released into the environment.
- Bio-degradable: the active ingredient is broken down to acetic acid, oxygen and water.
- May be used in standard disinfection trays, ultrasonic tanks and washing machines.
- Once prepared the solution will remain chemically active throughout the working day (8 hours).
- Pay attention to the safe removal and rinsing of SP3-treated devices to avoid post-treatment contamination.
- Avoid direct contact of the undiluted powder with the instruments.

Scope of Applications

Professional-grade medical device designed for cold chemical sterilization, high-level disinfection and decontamination of reusable medical devices such as surgical and dental instruments, endoscopes, bronchoscopes, laparoscopes, breathing tubes, ventilator tubes and masks, anesthesia devices etc.

SP3 scientifically proven to kill Corona Virus!