

BESTCLEAN®
BIOTECH

PRO FV

Solar Cleaner **NANO**

901



**SOLUTION FOR
WASHING AND IMPREGNATION
OF PHOTOVOLTAIC CELLS**



A Brighter, Winner`s Smile.

BESTCLEAN BIOTECH products are result of long-term development of cleaning and impregnating technologies.

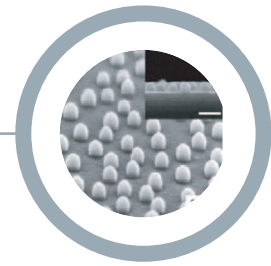
Primarily intended for professional use.

A modern, innovative procedures focused on the behavior of individual products were used in production. We individually developed our unique recipes for the best properties and maximum efficiency. Biodegradability and the lowest possible enviromental burden of our products are among important standarts.

Our products are based on the principle of nanotechnology, which makes their efficacy and achieved results diametrically different from the classic cleaning chemistry and they are verified in practice.

BESTCLEAN BIOTECH has recently undergone a major restructuring that has led to a change in management but also to tightening the internal limits of environmental and human health. We behave responsibly in terms of cleanliness, waste management, and recyclable HDPE packaging. Our future development is strictly focused on the use of new, less-burdensome technology, such as the introduction of returnable bulk containers.

BESTCLEAN®
BIOTECH



901

PRO FV Solar Cleaner **NANO®**

901 PRO FV Solar Cleaner NANO is highly concentrated product, suitable especially for cleaning of photovoltaic and termic cells.

It's development was focused on a simple single-phase application, effective cleaning performance and nano-tech protection of the cleaned surfaces to enhance cells energy production.

- **UNIQUE 1 STEP CLEANING AND IMPREGNATING SYSTEM**
- **CERTIFICATED RECEPTURE**
- **SURFACE NANO PROTECTION**
- **HEALTH AND BIOSECURITY**
- **CHEAPEST PHOTOVOLTAIC CELLS MAINTENANCE ON THE MARKET**

1

STEP APPLICATION

Cleaning + impregnation
in one step.



BIODEGRADABLE,
SAFE PRODUCT



USE OF OUR PRODUCT IS
WITHOUT HEALTH RISKS



SUITABLE FOR BIOLOGICAL
SEWAGE TREATMENT PLANTS



PRODUCT INTENDED FOR
DILUTION



CREATES NANO PROTECTIVE LAYER
ON A TREATED SURFACE

Protected manufacturing recipe provides ideal collaboration of nano protection and cleaning effect. Combination of biodegradable surfactants and particles of nano-SiO₂ allows a very simple, economical and safe application.

Easy use and further maintenance and complexity of the application unlike at competitive products.

Specifically developed to be a safe, 100% degradable degreaser.
Replaces flammable, hazardous, toxic and carcinogenic solvents and degreasers.
Degreasing and eliminates biological contaminants, waxes and difficult to remove dirt.
901 PRO FV Solar Cleaner NANO is residue - free degreaser with high degreasing power with optimum evaporation time of 2-4 min. and a significant improvement of the optical properties.

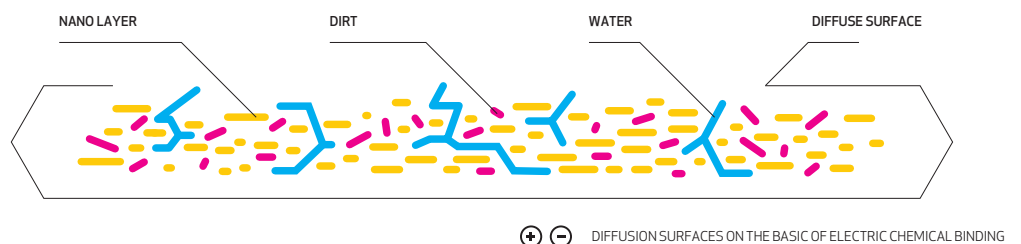
901 PRO FV Solar Cleaner NANO
is BIODEGRADABLE IN A SHORT TIME.

NANO PRINCIP



Principle consists of application of nanoparticles on the surface where they distribute evenly and completely covers the entire surface.
Nano elements alone do not adhere to the surface using a binder, but with help of chemical bonding and magnetic forces.
Because of that the resulting protection is completely resistant to frost and moisture
Even the frequent changes of temperature didn't affect the stability.

Retraction ability / hydrophobicity



EFFICIENCY



901 Pro FV Solar Cleaner NANO was developed and tested on laboratory FV model and practically tested for a long time. Application of 1x per year increased the performance by 1,9% under the ideal condition.
At samples, contaminated by long - term fallout of organic and anorganic contaminants were measured, after repeated application, increase in performance for up to 8%.
With an average pollution and frequency of maintenance of solar panels 1-2x per year the real performance is increased for about 4%.

It must be remembered that increased maintenance must be provided in industrial areas and around busy traffic segments. Another problem arises during the flowering of grasses and trees, which leads to massive development of pollen and resins.



Developed in BESTCLEAN BIOTECH
to increase the power of the PV power plant

901 Pro FV SolarCleaner NANO

SOLUTION FOR WASHING AND
IMPREGNATING OF
PHOTOVOLTAIC CELLS

1-2x
RECOMMENDED
ANNUAL APPLICATIONS



100l
FINAL PRODUCT



CERTIFIED
PRODUCT



CONTAINS
STRONG
NANO
PROTECTION



PRODUCT DESCRIPTION

901 PRO FV Solar Cleaner NANO. Highly concentrated product especially suitable for cleaning photovoltaic and thermic cells. Its development was focused on simple single-phase application, effective cleaning capabilities and nano protection of treated areas to increase the energy performance of cells.

The product does not contain phosphates or enzymes, it is biodegradable and thanks to a special formula does not damage the structures, fasteners, connectors or cables

It is suitable for use on photovoltaic power plants, domestic photovoltaic cells and collectors of all types. The contained nano protection ensures retraction of water and liquid impurities, self-cleaning of surfaces, resistance to adhesion of organic impurities, snow, dust and saws, and prolongs life of cells.

LEGISLATION



APPLICATION :

The preparation is diluted in the recommended ratio, depending on the degree of contamination of the cell surface. Recommended dilution for hand or machine wash is from 100 to 200ml / 10l of water.

The working solution is applied to the surface by a hand-held sprayer, a slurry or a cell-cleaning machine.

After cleaning, the surface must be wiped with a spatula.



WARNING :

H226: Flammable liquid and vapors.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Advice on safe handling: Keep out of the reach of children. Protect from heat, hot surfaces, sparks, open flame and other sources of ignition. No smoking.

Do not spray into naked flames or other sources of ignition.

Do not breathe vapors and aerosols. IN CASE OF CONTACT WITH AN EYE : Rinse cautiously with water for several minutes. Remove the contact lenses if they are deployed and if they can be easily removed. Continue rinsing. IN CASE OF CONTACT WITH MOUTH :

Rinse your mouth, DO NOT induce vomiting.

Store in a well-ventilated place. Keep the container tightly closed.

Dispose of the contents / container in accordance with national regulations.

Composition:> 30% water, 15-30% isopropanol, nonionic surfactants, 5-15% monopropylene glycol, <5% EDTA sodium salt.

Contains: propan-2-ol; Tetrasodium salt of ethylenediaminetetraacetic acid.



GHS07



GHS02

ORDER
UNDER THIS
CODE
ON ONLINE STORE
www.bestclean.cz

901.01000	1000ml
901.05000	5000ml
901.24000	24000ml



EAN 13 / 5000 ml



8 5941 86 350247 >

EAN 13 / 1000 ml

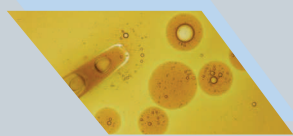


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PRODUCER :

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DEVELOPMENT OF NANO-BIOTECHNOLOGY

BestClean is working on nano technology research and development, nano applications are a modern and gentle way of cleaning.



PROFESSIONAL CLEANING

Due to their narrow focus, the preparations are primarily intended for professionals. However, their domestic use is not excluded.



BIODEGRADABILITY

All manufactured products are fully biodegradable. For most products, we also guarantee the possibility of contact with biological WWTP.



MEDICAL HARMLESNESS

Thanks to the modern and high quality input raw materials our products are health-friendly.



UNIVERSITY DEVELOPMENT AND RESEARCH

We cooperate with universities on applied R & D, in testing and modifying our products. We give students the possibility of self-realization.



CZECH INNOVATIVE MANUFACTURER

BestClean is a purely Czech manufacturer without foreign inputs. We produce all of our production in the Czech Republic.



The quality of air, water and food is the foundation of a healthy lifestyle. Also, the choice of common everyday means has an impact on the ecological stability and the quality of the environment we live in. Our goal is to produce efficient and efficient technologies that do not burden the environment.



www.solarcleaner.cz