



PRODUCT INFORMATION

Soapy Solar Nano Technology Cleaning Liquid is a cutting-edge German-engineered nanotechnology product, specifically tailored by design to effectively clean solar panel surfaces with a lasting clean effect. It is meticulously formulated to interact in forming a layer on glass surfaces to optimally and proficiently repel water and therefore dust, dirt and debris from glass surfaces. It leaves behind a hydrophobic (water-repelling) coating on the glass, ensuring a clean surface and enhancing rain repellency.

The product establishes a protective coating during the cleaning process. Its rapid-bonding hydrophobic technology helps to keep glass surfaces cleaner for longer. It also reduces maintenance needs over time. Repeated use of the product will prolong the hydrophobic effect with every application, reducing cleaning and maintenance cycles significantly over time.

With regular use, the cleaning liquid enhances its hydrophobic effect, leading to prolonged water repellency on treated glass surfaces. When applied, this layer facilitates rain and water to slide off effortlessly. This significantly improves glass cleanliness and therefore transparency for prolonged periods after rainy conditions, without the constant reliance on extensive cleaning. This creates optimal conditions for solar energy harvesting.

PROPERTIES:

The cleaning liquid is a concentrated nanotechnology-based detergent additive intended for solar panel cleaning. It is highly effective in assisting with breaking down dirt, dust, debris, and insect residue from glass surfaces. Upon application, a hydrophobic layer almost immediately bonds to the glass, providing an instant water and dirt-repellent coating.

- Concentrated (1:9 ratio): 500 ml yields 5 liters, and 1-liter yields 10 liters, etc.
- Efficiently removes bugs and dirt.
- Leaves a streak- and glare-free shine.
- Enhances scratch resistance.
- Exhibits antistatic effects and reduces resoiling.
- Protects against and reduces water freezing probability at low temperatures.
- Acts as a deicer, facilitating quick ice removal.
- Incorporates advanced water-repelling nanotechnology for long-lasting rain repellent effects.
- Ammonia-free, ensuring no harm to chrome, paintwork, rubber, or plastic.
- Equally effective on smooth hard surfaces such as tiles, ceramics, smooth granite, etc.

INSTRUCTIONS:

Soapy Solar Nano Technology Cleaning Liquid was designed and specially formulated for effective cleaning and coating of dirty glass in a single easy application. It can be easily applied by spraying onto the glass and subsequently wiped off using a squeegee, mop, sponge or cloth. Afterward, the glass can be dried using a rubber wiper, and any excess water can be removed with a dry cloth.

CHARACTERIZATION:

Appearance: Clear colorless liquid

Ingredients: Formulated with cationic modified polysiloxanes, amphoteric surfactants, dihydroxy propanes, and ethyl hydroxide.

Specific Gravity: 0.978g/cm³ at 20°C

Water Miscibility: Miscible in cold water

pH Value: 7-8

PRECAUTIONS: (in concentrated form)



- Contains denatured ethyl alcohol - flammable.
- Product may create slippery walking areas when wet.
- Keep out of reach of children.
- Do not ingest - may be harmful or fatal. Avoid inhaling product mist or vapor.
- Avoid contact with eyes. Causes serious eye irritation. If contact with eyes, IMMEDIATELY (remove contact lenses) flush with water for 15 minutes. If eye irritation persists: Get medical advice/attention.
- Do not ingest. May cause drowsiness, dizziness. May cause damage to organs. IF exposed: Call a POISON CENTER or doctor/physician.
- IF ON SKIN (or hair): Remove contaminated clothing. Rinse skin with water/shower. May cause skin dryness or cracking from repeated exposure.
- Fire: In case of fire: Use CO₂, dry chemical, or foam for extinction.
- Store in a well-ventilated place. Keep cool.
- Methods for Containment and Clean Up: Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.
- Disposal: Dispose of contents/container at an approved waste disposal facility.

Other hazards:

Poison; may be fatal or cause blindness if swallowed. Vapor harmful. Cannot be made non-poisonous.

- Wash hands thoroughly with soap and rinse with water after using this product.