Spotless™ Sparkle SPC

Spotless™ Sparkle SPC- RTU - Ready to use, coating safe cleaner.
Spotless™ Sparkle SPC- Conc. - Field dilutable concentrate.

Intended use: cleaning of glass solar panels, including AR coated, hydrophobic, and polymer coated surfaces.

Solar Panel Cleaner RTU is a neutral, nonionic based cleaner designed for safe, effective removal of environmental soil, dust, bird droppings, and traffic film from solar panels without damaging sensitive coatings. **Solar Panel Cleaner Concentrate** is a higher actives version of the same technology, intended for dilution in the field for cost effective maintenance cleaning. Both products are free from LAS and harsh alkalis and are designed for excellent rinsing and minimal residue.

Features/Benefits

1. Coating safe: Neutral pH, no LAS; suitable for AR and hydrophobic coatings.
2. High detergency: Synergistic blend of nonionic surfactants and soil release polymer.
3. Fast wetting: Quickly covers glass surfaces, reducing cleaning time.
4. Excellent rinsing: Low residue, low streaking, good sheeting behavior.
5. Hard water tolerant: Polymer and hydrotrope help maintain clarity and performance.
6. Biodegradable surfactant system: Nonionic and glucoside surfactants.

Typical properties

RTU product

Appearance: Clear, low viscosity liquid
Color: Colorless to pale straw
Odor: Mild, non residual
pH (20°C): 6.5–7.5
Specific gravity (20°C): ~1.04 (spec: 1.03–1.05)
Refractive index n_D^{20}: ~1.345 (spec: 1.338–1.352)
Solubility: Completely miscible in water
Foam profile: Moderate, easily rinsed

Concentrate

Appearance: Clear, slightly more viscous liquid
Color: Colorless to pale straw
pH (20°C): 6.5–7.5
Specific gravity (20°C): ~1.07 (spec: 1.06–1.08)
Refractive index n_D^{20}: ~1.365 (spec: 1.355–1.375)
Solubility: Completely miscible in water at recommended dilutions

Operating Conditions

RTU product

Use as supplied.

Aqua Bond Inc. PO Box 63635, Toronto, Ontario M1V 5K2 Tel:416-754-7211 www.aquabond.ca

Apply by spray, soft brush, or sponge to cool panel surface.
Allow short contact time; lightly agitate if needed.
Rinse thoroughly with clean water; avoid drying in direct, intense sun where possible.

Concentrate
Normal soiling: Dilute 1:10 with water.
Heavy soiling / bird droppings: Dilute 1:5 with water.
Light maintenance / spot free rinse (soft water): Up to 1:15, based on field trials.
Use diluted solution as per RTU directions.

Materials compatibility
Compatible: Glass, tempered glass, AR coated glass, most hydrophobic nano coatings, anodized aluminum frames, most plastics used in panel frames and housings.
Always test first: On after-market coatings, painted surfaces, and sensitive plastics.

Handling and storage
Storage temperature: 5–35°C recommended.
Keep containers tightly closed.
Avoid contamination with other chemicals.
Protect from freezing and prolonged exposure to direct sunlight or high heat.

Shelf life
Preliminary target: 24 months in unopened original containers under recommended storage conditions.

The data and statements contained in this bulletin are based on testing information and are believed to be accurate and reliable. This bulletin is not a Guarantee or Warranty, express or implied regarding the products use. The product is sold on the condition that the purchaser will do their own tests to determine the suitability of the product in a particular application.
READ THE SDS BEFORE USING THIS PRODUCT

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