

NON-CONDUCTIVE EV CHARGING PORT CLEANER

EVClean 100 is a premium non-conductive cleaning spray developed for electric vehicle charging systems and related electrical connection points. It helps remove dust, light grease, oxidation residues, and environmental contamination from charging ports, plug connectors, terminal surfaces, and charging station housings without leaving residue. The formulation is designed to be safe on plastics, rubber seals, and metal surfaces when used as directed. Its fast-drying structure supports routine maintenance and helps preserve clean contact surfaces in residential, commercial, and fleet charging environments.

INTENDED USE

EVClean 100 is intended for cleaning and maintenance of EV charging ports, charging connectors, station interfaces, and other charging-related contact areas. It is used to support cleanliness, reduce contamination buildup, and help maintain reliable physical contact performance in charging systems. The product is suitable for both preventive maintenance and routine service cleaning.

APPLICATION AREAS

EV charging ports (AC and DC), EV cable connectors and terminals, public charging stations, EV fleet depot maintenance areas, e-bike and scooter charging docks, home garage charging equipment, charging station housings, light commercial and industrial charging points.

ADVANTAGES

Non-conductive formulation suitable for sensitive electrical environments. Leaves no residue or conductive film after proper application. Helps protect cleaned surfaces against corrosion-related buildup. Compatible with plastics, rubber components, and metal parts. Fast-drying for efficient service use. Suitable for routine maintenance in home, commercial, and fleet charging applications. Designed for safe and practical use on modern EV charging equipment.

FOR MORE INFORMATION, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET



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DIRECTIONS FOR USE

Ensure the charging equipment is fully powered off before application. Spray EVClean 100 directly onto the charging port, connector, terminal, or target surface. Allow 10 to 15 seconds for the product to loosen dust, grease, and light oxidation residues. Wipe gently using a clean microfiber cloth or lint-free cloth. No rinsing is required. Allow the cleaned surface to dry completely before reconnecting power or returning the equipment to service.

COMPOSITION

Proprietary blend of non-conductive cleaning agents, surface-safe solvents, corrosion-control additives, and performance stabilizers.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Color: Colorless to light transparent

Odor: Mild characteristic

Residue: None when used as directed

Drying Behavior: Fast drying

Conductivity: Non-conductive during intended use

Surface Compatibility: Suitable for plastics, rubber seals, and metals

Rinsing Requirement: No rinse required

Flammability: Non-flammable

VOC Status: VOC-compliant

PACKAGING INFORMATION

Packaging is available upon customer preference, generally from 500 mL up to 20 L. Common packaging options include 500 mL spray bottles, 1 L bottles, 5 L canisters, and 20 L drums.

STORAGE CONDITIONS

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Store in a cool, dry, and well-ventilated place away from direct sunlight. Recommended storage temperature is between +5°C and +30°C. Keep the container tightly closed when not in use. Keep away from strong heat sources and ignition points. Store in the original container. Keep out of reach of children.

SAFETY INSTRUCTIONS

Use only as directed and only on powered-off charging equipment. Do not apply to energized systems or live electrical circuits. Avoid contact with eyes and prolonged skin exposure. Do not inhale concentrated spray mist. Use in a well-ventilated area. Keep the container closed after use. Do not mix with other cleaning chemicals unless compatibility has been verified. In case of eye contact, rinse thoroughly with water. If irritation continues, seek medical advice. Keep away from children and unauthorized users.

GENERAL INFORMATION

The information provided in this technical data sheet is based on current product knowledge and typical application guidance. It is intended to support product selection, handling, and routine use under normal conditions. Users should test the product on a small area before large-scale application, especially on sensitive or specialized components. Final suitability should be confirmed by the user according to the intended equipment, maintenance routine, and operational conditions.

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