



TECHSPRAY
R E N E W™

High Performance Eco-Cleaning™

Product Information

ECO-SHINE™ Glass & Surface Cleaner 1505

Introduction



Cleans glass, stainless steel, chrome, mirrors, tile, plastic, ceramic and enamel and leaves a streak-free finish. Effectively removes finger prints, light oils, and other soils. Made from 100% naturally-derived and sustainable ingredients.

One quart (with a trigger sprayer) and one gallon containers are ideal for surface cleaning. Packaging is selected to be easily recyclable. Quart labels made of recycled paper, and cartons made of 40% recycled material. Trigger pump on quart eliminates the need for propellants, which can have a global warming impact.

Convenient pre-saturated wipes available in a pop-up dispenser. Wipe material is low linting and designed to polish as it cleans.

Eco-Shine™ Cleaner is fully compliant with CARB (California Air Resource Board) requirements.

Also compliant with European REACH (Registration, Evaluation, Authorization & Restriction of Chemicals) and WEEE (Waste Electrical and Electronic Equipment Directive) initiatives. It does not contain RoHS (Restriction of Hazardous Substances) restricted substances, SVHC (Substances of Very High Concern) list substances, or halides.

Features / Benefits

- Streak-free cleaning
- Removes fingerprints & light oils
- Non-flammable
- Non-ammoniated — safe on sensitive surfaces
- Biodegradable
- Low VOC, zero GWP
- Non-ozone depleting

Applications

- Clean windows, shields, benchtops, and other surfaces
- Effective at removing dirt, fingerprints, and other light oils
- Safe on stainless steel

About TECHSPRAY RENEW™

TECHSPRAY RENEW™ is a brand that represents **High Performance Eco-Cleaning™**. Techspray® has applied our expertise in solvent cleaning to formulate some of the most effective eco-friendly cleaners on the market. Performance is our top priority, using the best “green” solutions as they become available. We all are at the cusp of the ongoing movement toward sustainable products, packaging, and processes. It is Techspray’s intention to stay at the cutting-edge while keeping our products powerful and cost effective.

Directions

- Spray over surface of soiled area.
- Using a lint-free wipe (we recommend Techspray 2364-50 or 2365-300 wipes), wipe lightly at first to allow cleaning agent to break down residues.
- Continue to wipe in a circular motion until dirt and fingerprints are fully removed and cleaner is dry.
- Dispose of soiled wipe as appropriate depending on the type of material removed.

Chemical Components

| Component | CAS# |
|---------------|---------|
| Ethanol | 64-17-5 |

Includes other hazardous components in non-reportable quantities.

Chemical Properties (MSDS available on request)

- EXPOSURE LIMIT: Manufacturer's recommendation 1000 ppm.
- PHYSICAL STATE: Liquid
- ODOR: Faint citrus odor
- APPEARANCE: Clear, colorless liquid
- pH: 7.5-8.5
- PERCENT VOLATILE: 99% at 104°C
- VAPOR PRESSURE: < 0.21 mmHg@20°C (VOC Composite Vapor Pressure)
- BOILING POINT : 205°F (96°C)
- FLASHPOINT AND METHOD (TAG Closed Cup): None to boiling point
- SOLUBILITY IN WATER: Soluble
- DENSITY: 0.99 at 25°C
- VOC (by wt): 2.1%, 20.9 g/l

Compatibility

Metals

Test method: 15 minute immersion at room temperature in sealed jar, remove, wipe dry, and make observations. Observations made immediately after removal and drying, and 1 hour later.

| Material | Compatibility |
|---------------------|---------------|
| Brass foil | Excellent |
| Copper foil | Excellent |
| Nickel 200 | Excellent |
| Aluminum 6061 | Excellent |
| Aluminum 2024 | Excellent |
| Anodized aluminum | Excellent |
| Stainless Steel 316 | Excellent |
| Stainless Steel 304 | Excellent |
| Mild carbon steel | Excellent |
| Galvanized Steel | Excellent |

Note: Eco-Shine™ is a water-based formula, so will encourage oxidation with prolonged exposure to iron, steel, and other susceptible metals.

Plastics

Test method: Tested as bulk unstressed coupons, and the following immersion times for the base chemistry: 1 minute, 5 minutes, and 15 minutes.

| Material | Compatibility | Material | Compatibility |
|----------------|---------------|----------|---------------|
| ABS | Excellent | PMMA | Excellent (1) |
| Nylon | Excellent | POM | Excellent |
| Lexan | Excellent | PP | Excellent |
| HDPE | Excellent | PS | Excellent |
| LDPE | Excellent | PTFE | Excellent |
| C. E. Phenolic | Excellent | PVC | Excellent |

1 = crazing observed on stressed PMMA. No effect on unstressed PMMA.

Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Packaging and Availability

Eco-Shine™ Cleaner available in the following sizes:

1505-100DSP 100 count pre-saturated wipes, 6" x 8" (15cm x 20cm)
1505-QT 1 quart (0.95L) w/ trigger sprayer
1505-G 1 gallon (3.8L)

Call us for larger or special packaging.

Resources

Techspray® products are supported by global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

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