

Eco-Shine Glass & Surface Cleaner

Product# 1505

Product Description

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

Features / Benefits

- Streak-free
- Nonflammable
- Non-ammoniated - safe on sensitive surfaces
- Non-corrosive, moderate pH
- Safe on most plastics and painted surfaces
- Low VOC, zero GWP
- Non-ozone depleting

Applications

- Clean windows, shields, bench tops, 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.

Usage Instructions

- 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

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
SHELF LIFE:	5 years unopened, 2 years open

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

1 = Cracking 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.

Resources

Techspray® products are supported by a 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.

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray® be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.

Packaging and Availability

Eco-Shine™ Cleaner available in the following sizes:

1505-QT	1 quart (0.95L) w/ trigger sprayer
1505-G	1 gallon (3.8L)

Available as special order, call for pricing:

1505-5G	5 gallon (19L)
1505-54G	54 gallon (205L)
1505-275G	275 gallon (1,045L)