

*High Performance Eco-Cleaning™*

# ECO-SHOWER™

## Label, Adhesive & Spot Cleaner Pen

### 1500-N

#### Introduction



Eco-Shower Label, Adhesive & Spot Cleaner Pen is the swiss army knife of the cleaning world! It contains an extra concentrated version of our popular Eco-Shower formula and removes sticky adhesives, labels, ink, grease, and other hard-to-remove soils. It is safe on most surfaces, and can even be used on fabrics (test in inconspicuous area for color-fastness).

If you saturate the soiled area with Eco-Shower and follow up with a water rinse, the embedded surfactants left behind create a secondary cleaning action, eliminating tough stains.

Eco-Shower is a powerful degreaser in the tradition of Techspray's Blue Shower® cleaners. Innovative formula uses naturally-based ingredients like citrus and soy oils to soak in and quickly cut through oil and grease. In addition to its power and versatility, Eco-Shower Pen has many ecological advantages, is non-flammable, and has low toxicity.

Eco-Shower™ 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

- Removes labels
- Cleans sticky adhesives, ink, grease and other hard-to-remove soils
- Safe on most plastics and painted surfaces
- Safe on most fabrics
- Non-flammable
- Non-corrosive, moderate pH
- Biodegradable
- Low VOC, zero GWP
- Non-ozone depleting

#### Applications

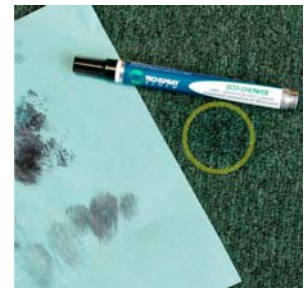
- Label & adhesive removal
- Cleaning off ink and oil spots
- Cleaning office equipment
- Fabric & carpet spot remover



Label & adhesive removal



Ink removal from carpet



## About TECHSPRAY RENEW™

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**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

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- Press and tap pen tip to saturate.
- Dab and rub on soil, then scrub or blot with wipe.
- For paper label removal, cleaner can soak through the paper material and dissolve the adhesive underneath.
- For plastic or metallic labels, lift a corner and rub under the label with Eco-Shower pen until label is fully removed.
- For spot removal on fabric or carpet, dab cleaner onto the soil, dab with wet cloth (water) and blot dry. Test in inconspicuous area first for color-fastness.
- For heavier soils, allow to soak 30 seconds to 1 minute and then scrub with wipe.

NOTE: scrubbing with the pen tip will increase tip wear and shorten the usable life of the pen.

## Chemical Components

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Component	CAS#
Alcohols, C10-14, ethoxylated .....	66455-15-0
d-Limonene .....	5989-27-5
Alkyl C16-C18 Methyl Esters .....	67784-80-9

*Includes other hazardous components in non-reportable quantities.*

## Chemical Properties (MSDS available on request)

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- EXPOSURE LIMIT: Limits on components not established.  
Manufacturer’s recommendation 1000 ppm.
- PHYSICAL STATE: Liquid
- ODOR: Citrus odor
- APPEARANCE: Clear, mobile liquid
- pH: 6.5 to 7.5
- PERCENT VOLATILE: 99% at 104°C
- VAPOR PRESSURE: < 0.03 mmHg@20°C (VOC Composite Vapor Pressure)
- BOILING POINT : 2023°F (94°C)
- FLASHPOINT AND METHOD (TAG Closed Cup): None to boiling point
- SOLUBILITY IN WATER: Dispersible
- DENSITY: ~1.00 at 25°C
- VOC (by wt): 5%, 51 g/l

## Compatibility

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### 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

Material	Compatibility
Anodized aluminum	Excellent
Stainless Steel 316	Excellent
Stainless Steel 304	Excellent
Mild carbon steel	Excellent
Galvanized Steel	Excellent

Note: Eco-Shower™ 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

Material	Compatibility
PMMA	Good (1)
POM	Excellent
PP	Excellent
PS	Good (1)
PTFE	Excellent
PVC	Excellent

1 = Slight softening after 15 minutes of exposure.

## Environmental Policy

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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

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Eco-Shower™ Label, Adhesive & Spot Cleaner:  
1500-N 10 gram pen

Eco-Shower™ Cleaner also available in the following sizes:

1500-72DSP 72 count pre-saturated wipes, 6" x 10.5" (15cm x 26.7cm)  
1500-100PK 100 count individually wrapped pre-saturated wipes, 8" x 12.25" (20.3cm x 31.1cm)  
1500-QT 1 quart (0.95L) w/ trigger sprayer  
1500-G 1 gallon (3.8L)

Available as special order, call for pricing:

1500-5G 5 gallon (19L)  
1500-54G 54 gallon (205L)  
1500-275G 275 gallon (1,045L)

## Resources

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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](mailto:tsales@techspray.com) or visit our web site at: [www.techspray.com](http://www.techspray.com).

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