

Technical Data Sheet

Cola®Mulse 5101

Antistatic Glass and Plastic Cleaner Concentrate



LISTINGS

US (TSCA); Canada (DSL); Philippines (PICCS); China (IECSC - IECIC); Australia (AICS); New Zealand (NZIoC); Korea (KECI); Taiwan (NECI)

DESCRIPTION

Cola®Mulse 5101 is a completely formulated liquid antistatic cleaner concentrate, ready for simple dilution with water. It has been designed for use on glass and plastic where static charge build-up is a problem. Cola®Mulse 5101 is substantially more effective in eliminating static charge as demonstrated in comparative laboratory tests against conventional glass cleaners and a competitive antistatic spray.

Cola®Mulse 5101 provides highly effective cleaning and dust-resistance for:

- Computer and television screens
- Medical diagnostic equipment
- Electronics
- Safety goggles

ADVANTAGES

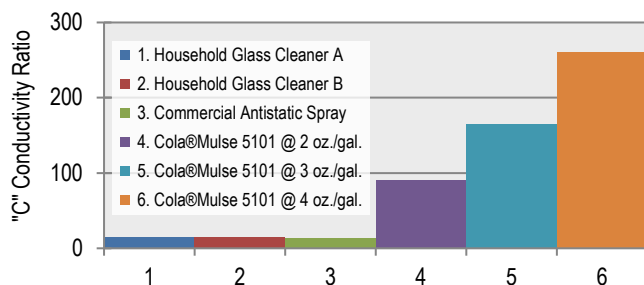
- Static charge elimination
- Long-lasting protection against static charge build-up
- Safe on Glass and Plastic
- Non-Streaking

PERFORMANCE DATA

• Surface Conductivity Test

Clean glass microscope slides (1 x 3 in.) were treated with 0.05 ml of the test solution, and wiped dry with a paper towel. Surface conductivity was measured along the length of the slide using a Simpson Resistivity Meter.

$$"C" \text{ (Conductivity Ratio)} = \frac{\text{Conductivity of Treated Glass}}{\text{Conductivity of Untreated Glass}}$$



Actual tests of Cola®Mulse 5101 at recommended use levels on computer screens have demonstrated its effective cleaning with complete static elimination and long lasting protection from static-related dust particle accumulation.

FORMULATING

Cola®Mulse 5101 has been designed for use between 1 to 4 ozs. per gallon. The effectiveness and lengths of protection increase as the concentration of Cola®Mulse 5101 is raised. The formulation shown below provides effective cleaning of glass or plastic hard surfaces with the added advantage of completely eliminating any static charge. Additionally, the protection against continued static charge build-up lasts for at least one week on computer screens. This spray can also be used on computer room hard surfaces and carpets to eliminate static charge generation.

Anti-static Glass/Plastic Spray Cleaner

Ingredient	% Wt.
Cola®Mulse 5101 (anti-static agent)	1.6
Isopropyl Alcohol (evaporation aid)	20.0
Water	78.4

Procedure: Mix in order listed until uniform.

Formulation Properties: Appearance: Clear liquid
pH (as is): 7.0

TYPICAL PROPERTIES

Appearance (@ 25°C)	Clear Amber Liquid
Alkali Value	80.0
Acid Value	42.0
pH (10% aqueous)	9.0
Color, Gardner '98	9 Max

STORAGE AND HANDLING

Cola®Mulse 5101 should be stored in closed containers. Frozen material may be thawed in a warm room, venting drums while warming. Shelf life is 24 months from date of manufacture. A Safety Data Sheet is available upon request.

PACKAGING

Cola®Mulse 5101 is shipped in poly drums (450 lbs. / 204.1 kg) or totes. Cola®Mulse 5101 solutions can be readily packed in spray bottles. Being totally chloride free, it should be easily and safely packaged in aerosol containers.

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