



# CitraFlor EGS Solvent

## Key Benefits

CitraFlor™ EGS is a powerful, 100% bio-based solvent that cleans all types of residues common to electronics assembly and component manufacturing. Used as directed, this electronics grade solvent will lower emissions, improve operator safety and minimize environmental reporting while improving surface cleanliness. It is an excellent alternative to IPA and halogenated solvents in bench-top defluxing applications.

## Product Contents

CitraFlor EGS is a concentrated blend of refined orange terpenes derived from orange oil processing. Our specialized vacuum distillation process insures that CitraFlor EGS is consistent in purity, color, odor and non-volatile residue. A special antioxidant package has also been added to maintain these important properties. CitraFlor EGS is considered low in toxicity, readily biodegradable and contains no halogens or heavy metals.

## Performance Properties

Appearance	Clear
Solubility in Water	None
Specific Gravity	.84
Purity, Orange Terpenes	>98%
Flash Point (PMCC)	115°F (46°C)
Evaporate Rate (Butyl Acetate=1)	<1

## Application

Use CitraFlor EGS in the concentrated form at ambient temperature. Apply by hand or dip (unheated) tank. CitraFlor EGS works fast to clean a variety of flux and paste residues without leaving the infamous white residue. The drying process can be accelerated by following with desiccated forced air. Use CitraFlor EGS to clean:

Rosin Pastes	Conductive Inks
No Clean Pastes	Ionic Contamination
Lead-Free Pastes	Uncured SMD Adhesives
Water Soluble Pastes	Conformal Coatings
Rosin, OA and Synthetic Fluxes	Wave and Tinning Oils

CitraFlor EG3 is recommended for cleaning operations demanding broader (polar) solvency, faster evaporation, and/or less citrus odor.

## Solvent Comparison Chart

	HMIS Properties Comparison			Flash Point
	Health	Flammability	Reactivity	(Closed Cup)
CitraFlor EGS	1	2	1	115° F (46° C) Min
CitraFlor EG3	1	2	1	105° F (41° C)
Isopropyl alcohol	2	3	0	53° F (12° C)

## Compatibility

CitraFlor EGS is compatible with most ferrous and non ferrous metal alloys including aluminum. The product is also compatible with composite and hard plastic materials during short exposure times. Elastomers should be tested prior to prolonged exposure. Teflon seals and Viton G gaskets are recommended for long term exposure to CitraFlor EGS concentrate.

## Handling

CitraFlor EGS is available in drums (55 gallon/390lb/177 Kg) and pails (5 gallon /33lb/15Kg).

CitraFlor EGS must be shipped according to IATA, US DOT and IMO transport standards (see MSDS/GHS for details).

In the USA, CitraFlor EGS is classified as a “Class II Combustible Liquid” by NFPA standards. Shelf life is 36 months from date of manufacture.

## Disposal

CitraFlor EGS can be recycled via vacuum distillation. Contact your local waste management company regarding suitable disposal methods for waste material. Fuel blending is recommended for waste concentrate.

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