

# CitraFlor OT3 Cleaner

## Benefits

CitraFlor™ OT3 is the ultimate solvent product for bench top defluxing and stencil/misprint cleaning. This product eliminates many of the issues associated with isopropyl alcohol (IPA) cleaning including incomplete cleaning, white residue, and low flash point. Used as directed, CitraFlor OT3 will also reduce chemical emissions and lower use costs.

## Product Contents

CitraFlor OT3 is a mixture of polar and non-polar solvents. CitraFlor OT3's key ingredient, high purity citrus terpene solvent, is derived from Florachem's vacuum distillation process. CitraFlor OT3 is considered low in toxicity, readily biodegradable and contains no halogens or heavy metals.

## Application Guidelines

CitraFlor OT3 is used full strength at ambient temperature. Apply by hand or dip (unheated) tank. Use CitraFlor OT3 in the following cleaning applications:

Application	Cleaning Function
Rework cleaning	Removes all types of flux residues
Stencil/misprint	Removes solder pastes and uncured SMD adhesives
Post solder assembly or component cleaning	Removes reflowed lead and lead free paste residues
Conformal coating	Removes silicone and acrylic conformal coatings
Pallets, Fixtures, Wave Solder Fingers	Removes baked -on flux residues (soaking may be necessary)

Drying Tips - Follow cleaning with a clean wipe or desiccated forced air.

CitraFlor OT3 can also be mixed with IPA for quicker drying and reduced citrus odor. Add 25% IPA to 75% CitraFlor OT3 for optimal mix ratio.

For manual cleaning applications requiring greater non-polar solvency, CitraFlor EG3 or CitraFlor EG are recommended.

## Environmental & Regulatory Status

Global Warming Potential (GWP)	Zero
Ozone Depletion Potential (ODP)	Zero
RoHS Compliant	Yes
US Hazardous Air Pollutant (HAP)	No
US Nat'l Emission Standards for Hazardous Air Pollutants (NESHAPs)	Not Regulated
US Resource Conservation and Recovery Act (RCRA)	Not Regulated
US Significant New Alternatives Program (SNAP)	Approved
US Superfund Amendments and Reauthorization Act (SARA)	Not Regulated
VOC Content (concentrate)	~800 g/l

## HMIS Comparison

	HMIS Ratings			Flash Point (Closed Cup)
	Health	Flammability	Reactivity	
CitraFlor EG	1	2	0	120° F (49°C)
CitraFlor EG3	1	2	0	105°F (41°C)
<b>CitraFlor OT3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>105°F (41°C)</b>
Isopropyl alcohol	2	3	0	53° F (12°C)

## Compatibility

CitraFlor OT3 is compatible with most materials of construction in circuit assembly and semiconductor packaging. The product is safe on common metal alloys including aluminum. The product is also compatible with certain plastics and composite materials during short exposure times.

## Packaging, Handling, and Storage

CitraFlor OT3 is available in 55 gallon (166kg net) drums and 5 gallon (14kg net) pails.

Nitrile gloves and safety glasses are recommended when handling.

Store CitraFlor OT3 inside under ambient conditions. Shelf life is indefinite however quality should be checked after 36 months in unopened, original containers. This product is rated as a Class II Combustible Liquid by US NFPA and OSHA.

## Disposal

Contact your local waste management company regarding suitable disposal methods for waste material. Fuel blending is recommended for waste concentrate.

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Worldwide Locations: Jacksonville, FL. : Mission, TX. : Newark NJ : Springfield, MO : Hong Kong. : Tokyo : Osaka

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