

## CitraFlor OTS Solvent

### Benefits

CitraFlor™ OT series of citrus-based products were developed to improve operator safety without sacrificing cleaning performance. Used as directed, these products will minimize emissions, toxicity and disposal issues and reduce environmental reporting. Ingredients were carefully selected to meet global environmental/regulatory requirements.

### Description

CitraFlor OTS is an ultra high purity citrus terpene solvent. Our proprietary vacuum distillation process insures that 100% bio-based CitraFlor OTS is consistent in purity, color, odor, and non-volatile residue. A special antioxidant package has also been added to maintain these important properties. CitraFlor OTS is considered low in toxicity, readily biodegradable and contains no halogens or heavy metals.

### Performance Properties

Vapor Pressure at 20°C	2 mmHg
Flash Point (PMCC)	115° F/46° C min
Evaporation Rate (Butyl Acetate=1)	<1

### Application

CitraFlor OTS is designed to be used in the concentrated form at ambient temperature. Applied by hand or dip (unheated), CitraFlor OTS works fast to clean a variety of tough residues including adhesives, heavy grease, lubricants, silicones, surface oils, and waxes. The drying process can be accelerated by following with a clean wipe or desiccated forced air. This product is also ideal for aerosol and saturated wipes packaging.

For wipe applications requiring faster evaporation, CitraFlor OT3 is recommended. CitraFlor OT8 or CitraFlor HF are recommended for cleaning operations demanding a closed cup flash point over 140° F (60°C).

### Environmental & Regulatory Status

Global Warming Potential (GWP)	Very Low
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)	~840 g/l

## HMIS Properties Comparison

	HMIS Categories			Flash Point (Closed Cup)
	Health	Flammability	Reactivity	
CitraFlor OTS	1	2	0	115° F/ 46° C min
CitraFlor OT3	1	2	0	105° F/ 41° C
CitraFlor OT8	1	2	0	144° F/62° C
CitraFlor HF	1	2	0	145° F/63° C
MEK	2	3	1	16° F/-9° C
IPA	2	3	0	53° F/12° C
Acetone	2	3	0	-4° F /-20° C
Xylene	2	3	0	63° F/17° C
Mineral Spirits	2	2	0	108° F/42° C

### Compatibility

CitraFlor OTS is compatible with most metal surfaces including aluminum, cupric and ferrous metals. This product will attack several common plastics after extended exposure. PET is recommended for containers.

### Packaging, Handling, and Storage

CitraFlor OTS is available in 55 gallon (177kg net) drums and 5 gallon (15kg net) pails.

CitraFlor OTS is classified as a "Class II Combustible Liquid" by US NFPA and OSHA standards. Shelf life is 36 months from date of manufacture in unopened, original containers.

### Disposal

Contact your local waste management company regarding suitable disposal methods. Fuel blending is recommended where offered.

CitraFlor is a trademark of Florachem Corp.

January 2017

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