

CitraFlor™ OT3 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 OT3 is a unique blend of polar and non-polar solvents for broad solvency. Much of CitraFlor OT3's cleaning power comes from high purity citrus terpenes produced in Florachem's proprietary vacuum distillation process.

CitraFlor OT3 is considered low in toxicity, readily biodegradable, free of heavy metals and RoHS Compliant.

Performance Properties

Vapor Pressure at 20°C	<2 mmHg
Flash Point (PMCC)	105° F/41° C
Kb Value	151

Application

CitraFlor OT3 is designed to be used in the concentrated form at ambient temperature. Applied by hand or dip (unheated), CitraFlor OT3 works fast to clean a variety of tough residues including adhesives, asphalt, coolants, fingerprints, greases, hydraulic fluids, inks, lubricants, mold release compounds, sealants, silicones, tars, 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 hand wipe and immersion applications requiring stronger solvency, CitraFlor OT or CitraFlor UTS-4B are recommended. CitraFlor OT8 or CitraFlor HF are recommended for cleaning operations demanding a closed cup flash point higher than > 140° F (60°C).

Environmental & Regulatory Status

Global Warming POT3ential (GWP)	Very Low
Ozone Depletion POT3ential (ODP)	Zero
RoHS Compliant	Yes
US Hazardous Air Pollutant (HAP)	No
US Nat'l Emission Standards for Hazardous Air Pollutants (NESHAPs)	NOT3 Regulated
US Resource Conservation and Recovery Act (RCRA)	NOT3 Regulated
US Significant New Alternatives Program (SNAP)	Approved
US Superfund Amendments and Reauthorization Act (SARA)	NOT3 Regulated
VOC Content (concentrate)	~800 g/l

HMIS Classification Comparison

	Hazard Categories			Flash Point (Closed Cup)
	Health	Flammability	Physical	
CitraFlor OT	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
CitraFlor UTS-4B	1	2	0	122°F/ 50°C
MEK	2	3	0	16° F/-9° C
IPA	1	3	0	53° F/12° C
Acetone	1	3	0	-4° F /-20° C
Xylene, Histology Grade	2	3	0	79° F/26° C
Mineral Spirits	2	2	0	108° F/42° C

Compatibility

CitraFlor OT3 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 plastic containers.

Packaging, Handling, and Storage

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

CitraFlor OT3 is classified as a "Class II Combustible Liquid" by US NFPA and OSHA standards.

Store in well-ventilated, controlled warehouse with fire prevention system. Keep containers tightly sealed when CitraFlor OT3 in use. Improper storage and handling can lead to oxidation (color change). 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.

January 2017

The information and statements herein are believed to be reliable, but are NOT to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. NOTHING herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.

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

CitraFlor is a trademark of Florachem Corp.