

# UMC

## ISOPURE DCS

Modern materials distributor, UMC, proudly offers IsoPure DCS. Ideal for any commercial dry cleaner, the IsoPure DCS liquid solvent is non-hazardous, odorless, and delivers a powerful clean. IsoPure DCS is different than other liquid cleaning solvents because it is:



### SAFE

Because IsoPure DCS is classified as a non-hazardous material, it's safe to transport and store with less regulation. The solvent is not combustible or flammable, meaning a safer facility and lower business insurance premiums.



### EFFECTIVE

When washed with IsoPure DCS, clothes feel softer and iron beautifully. The clear liquid is effective, even when used in high temp washes, leading to superior stain removal and an overall better clean. IsoPure is compatible with existing washing equipment and can be used in combination with other additives and detergents.



### ENVIRONMENTALLY FRIENDLY

IsoPure DCS is biodegradable and VOC exempt. You can trust that IsoPure DCS has been tested to meet NSF purity standards. IsoPure DCS is available in bulk via UMC's broad distribution network. Our nationwide technical support and trusted partners ensure your satisfaction every step of the way. Dry clean only, with IsoPure DCS.

## Key Benefits:

### Odorless

Clothes come out fresh with no solvent odor residue

### Safety

- Classified as a non-hazardous material
- Eliminates combustible or flammable solvents on site
- Lower business insurance premiums

### Environmentally Friendly

- Meets ASTM OECD 301 test as a readily biodegradable substance
- VOC exempt for consumer goods
- Meets NSF purity standards

### Performance

- Stable synthetic fluid is compatible with all equipment and works well with additives and detergents
- Washing can be done at higher temperatures allowing for better stain removal and improved cleaning
- Solvent recovery over 99% just from spin cycle

## ISO PURE DCS

Physical Property	Unit	Test Method	Typical Value
<b>API Gravity (60°F)</b>	'F	ASTM D 287	45.0-47.5
<b>Viscosity-50C</b>	cSt	ASTM D 445	279.2
<b>Viscosity-30C</b>	cSt	ASTM D 445	44.66
<b>Viscosity-20C</b>	cSt	ASTM D 445	4.9
<b>Viscosity 40°C</b>	cSt	ASTM D 445	2.6
<b>Viscosity 100°C</b>	cSt	ASTM D 445	1.0
<b>Color</b>	Saybolt	ASTM D 156	+30
<b>Aniline Point</b>	'F	ASTM D 611	197.0
<b>RI</b>	-	-	1.44
<b>Pour Point</b>	'F	ASTM D 97	-128
<b>Specific Gravity (60°F)</b>	-	ASTM D 4052	0.795
<b>Flash Point</b>	'F	ASTM D 92	218
<b>Aromatics Volume</b>	%	ASTM D1319	Non-Detectable
<b>Sulfur</b>	ppm	ASTM D 4951	Non-Detectable
<b>Distillation Range</b>	'F	ASTM D 86	-
<b>1BP</b>	'F	ASTM D 86	450
<b>50%</b>	'F	ASTM D 86	475
<b>90%</b>	'F	ASTM D 86	515
<b>FBP</b>	'F	ASTM D 86	555
<b>Appearance</b>	-	Visual	Clear and Bright
<b>Vapor Pressure (20°C)</b>	mmHg	ASTM D 2879	0.040
<b>Kauri-Butanol Value</b>		ASTM D1133	24A
<b>Bromine Number</b>	-	ASTM D1159	<1.0
<b>Unsulphonated Residue</b>	vol%	ASTM D 483	98.1
<b>Loss on Drying by TGA</b>	wt%	ASTM E 1858	23.0
<b>Odor</b>	-	-	Odorless
<b>FDA 21 CFR 178.3620 (b)</b>	-	-	Meets
<b>VOC Content</b>	-	-	Exempt for Consumer Goods Applications

The information herein is believed to be reliable and is to assist customers in determining whether our products are suitable for their applications. However, no warranty, express or implied is made as to its accuracy or completeness and none is made as to fitness of this material for any purpose. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute any other warranty express or implied, including any warranty of merchantability or fitness nor of protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages. We shall not be liable for damages to person or property resulting from its use. Consult the Material Safety Data Sheet for additional information.