EXTIEL GPG

IsoKane™ 305S Product Datasheet

C_{10} to C_{18} isoparaffin

Premier-Class Fluids Synthesized by Modern GTL Processes.

Fully-Synthesized fluids, enhanced by hydroprocessing to deliver dependable consistency & long-term stability.

Contaminant Free, High-Purity liquids. **IsoKane** fluids are water-clear and free of aromatics, sulfur, olefins & oxygenates.

Positive Environmental Impact with a small GHG footprint, rapidly biodegradable, non-toxic and low VOC's.

Health-Friendly IsoKane fluids have a low, non-obtrusive odor and are non-toxic for a wide range of 21 CFR food & agriculture contact applications.

Superior Chemical Properties for exceptional application performance in uses for controlled evaporation, selective solvency, anti-corrosion and for use in calibration fluids.

Improved Flow Characteristics derived from the inherent low-viscosity of IsoKane fluids, delivering improved and predictable rheology compared to crude oil derived liquids.

IsoKane 305S Product Applications include:

- *Paints*
- *Cosmetics*
- *Dry Cleaning*
- *Household Products*
- *Adhesives*
- *Metal Cutting*
- *Metal Coating*
- *Furniture Polish*
- *Printing Inks*
- *Copier Fluids*
- *Rubber Goods*
- *Sealants*
- *Aerosol Sprays*
- *Diluents*
- *Degreasers*
- *Light Lubricants*

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Property	ASTM Test Method	Unit Value	Range
Specific Gravity, 15°C	D 1298	0.85	0.79-0.89
Carbon Range	Sim Dist	C10 to C18	C10 to C18
Boiling Range (°F/°C)	D86	Initial Boiling Point	374°F / 190°C
		End Point	581°F / 305°C
Flash Point Closed Cup (°F/°C)	D93a	188°F / 87°C	
Flash Point Open Cup (°F/°C)	D92	210°F / 99°C	
Viscosity (cSt, 40 °C)	D445	1.27	
Viscosity (cSt, 100 °C)	D445	0.83	
Color, Sayboldt	D 156	+30	na
Sulfur, ppm Wt	D 5453	non-detectable	non-detectable
Saturates, Wt%	D 2007	>99%	>99%
Aromatics, Wt%	by GC	non-detectable	non-detectable
TAN, mgKOH/g	D 974	<0.01	<0.01
Oxygenates	by GC	non-detectable	non-detectable
Density (lb/gal, 60°F)		6.6	