

## UNIDYNE™ TG-9131

### Wickable Stain Release

#### Characteristics

Imparts durable stain repellency and allows for easy release of stains when washed.

Imparts wickability to cotton and cotton rich fabrics.

Properties*	Value
Appearance	Pale yellow liquid
Ionic character	Nonionic
pH	3.0 - 7.0 @ 25°C
Specific gravity	1.00 - 1.15 @ 25°C
Solids content	19.0 - 21.0%
Solubility	Miscible in cold water
Shipping & Storage	Keep from freezing

\*Typical properties are not suitable for specification purposes.

TG-9131 should be stored at temperatures between 0°C and 40°C (32°F and 104°F).

#### Application Guide

Fabric Type	WPU %	Chemical	Conc. (g/L)	Dry/Cure Conditions
Cotton Pique	60-80	TG-9131 Acrylic Copolymer	50-90	Dry: 100 - 120°C for 1 - 2 min Cure: 160 - 180°C for 1 - 3 min
		MDI Type BI	50-10	
		HDPE Softener	10-20	

**Note:** To obtain maximum oil and water repellency, maintain a bath pH of 4 - 5. If pH is above 5.0, adjust pH with acetic acid.

## Performance Guide

	Cotton Pique	5% TG-9131
Absorbency (sec)	HL0	2.0
	HL10	1.3
Mineral Oil (AATCC TM-130)	HL0	4.75
	HL10	4.0
Corn Oil Release (AATCC TM-130)	HL0	5.0
	HL10	5.0

## Safety Precautions

Reference the Safety Data Sheet for details regarding the safe use and disposal of this product.

## Technical Support

Technical support requests we make available the resources of our technical service team to assist with manufacturing problems, formulation development, product application, and quality control. With technical service centers in the US, China, Japan, Taiwan, Korea, and Europe, Daikin personnel are essentially available around the clock.

## Quality

*Unidyne™* is an example of Daikin America's commitment to Total Quality Management. Our advanced technologies and computer controlled systems produce products with absolute consistency, ensuring reproducible quality.

## Perfect Chemistry

Our manufacturing, R&D, sales and marketing teams are linked by a common pursuit: To better serve our customers. We strive to be proactive and immediate in our response to customer needs.