



UNIDYNE™ TG-9011

Soil Release Agent

Characteristics

Imparts excellent soil release to cotton and synthetic-cotton blends.

Finish is durable when combined with blocked isocyanate.

Allows stains to be easily removed from fabrics when washed.

Properties*	Value
Appearance	Pale Yellow Liquid
pH	3.5 - 6.5 @ 25°C
Ionic character	Nonionic
Specific gravity	1.06 - 1.12 @ 25°C
Solids content	25.0 - 27.0%
Solubility	Readily dissolves in cold water
Shipping & Storage	Keep from freezing

*Typical properties are not suitable for specification purposes.

TG-9011 should be stored at temperatures between -5°C and 40°C (23°F and 104°F).

Application Guide

Fabric Type	WPU %	Chemical	Conc. (g/L)	Dry/Cure Conditions
Cotton Twill	60-80	TG-9011	40-70	Dry: 100 - 120°C for 1 - 2 min Cure: 160 - 180°C for 1 - 3 min
		MDI Type BI	1-10	
		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 Twill	TG-9011
Corn Oil Release (AATCC TM-130)	HL0	5
	HL10	5
	HL30	5
Mineral Oil Release (AATCC TM-130)	HL0	5
	HL10	5
	HL30	3

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.