



TECHNICAL DATA SHEET

UNIDYNE™ TG-9031

Durable Stain and Oil Repellent

Characteristics

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

Excellent stain and oil repellency which is durable to home laundering.

Non-flammable.

Low VOC (Volatile Organic Compound).

Properties*	Value
Appearance	Light yellow cloudy liquid
Ionic character	Nonionic
pH	2.5 ~ 6.5 @ 25°C
Specific gravity	1.08 - 1.14 @ 25°C
Solids content	26.0 - 28.0%
Solubility	Readily dissolves in cold water
Shipping & Storage	Keep from freezing

*Typical properties are not suitable for specification purposes.

TG-9031 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)
Cotton Twill	75 - 90	TG-9031	50-80
		MDI Type BI	5-10

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.

Dry/Cure conditions are based on a lab setting.

Performance Guide

TG-9031			
IPA Repellency (AATCC TM-193 based on percent)	Cotton Twill	HL0	30
		HL10	20
		HL20	20
IPA (AATCC TM-193)	Cotton Twill	HL0	6
		HL10	6
		HL20	5
Oil (AATCC TM-118)	Cotton Twill	HL0	4+
		HL10	4
		HL20	4

Safety Precautions

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