

THE DOZN™ SCALE

Based on the 12 Principles of Green Chemistry*, DOZN helps researchers, scientists, and manufacturers increase performance and efficiency while reducing human and environmental impact.

*Paul T. Anastas and John C. Warner, 1991.



1,1,3,3-Tetramethylbutyl isocyanide (226491)

	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	N/A	
	Waste Prevention	12%	Reduced waste by decreasing solvent usage
	Reduce Derivatives	N/A	
	Renewable Feedstocks Use	N/A	
	Real-Time Pollution Prevention	N/A	
	Catalyst	N/A	
Human & Environmental Hazards Reduction	Energy Efficiency Design	57%	Reduced chemical processing
	Less Hazardous Chemical Synthesis	N/A	
	Safer Chemical Design	N/A	
	Safer Solvents and Auxiliaries	16%	Replaced hazardous solvents with benign solvents
	Design for Degradation	20%	Elimination of substance that degrades to environmentally hazardous materials
	Inherently Safer Chemical for Accident Prevention	N/A	

TOTAL PERCENT IMPROVEMENT

40%

AGGREGATE SCORE

0= Most Desirable



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