

# 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.



## SPhos (638072)

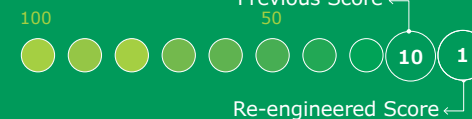
	12 Principles of Green Chemistry	Percentage of Improvement	Results
Resource Used	Atom Economy	<div style="width: 90%;"></div> 90%	Increased yield. Used less raw materials
	Waste Prevention	<div style="width: 91%;"></div> 91%	Reduced waste by decreasing solvent usage
	Reduce Derivatives	N/A	
	Renewable Feedstocks Use	<div style="width: 90%;"></div> 90%	Decreased amount of raw materials
	Real-Time Pollution Prevention	N/A	
	Catalyst	N/A	
Human & Environmental Hazards Reduction	Energy Efficiency Design	<div style="width: 87%;"></div> 87%	Reduced extreme reaction conditions
	Less Hazardous Chemical Synthesis	<div style="width: 93%;"></div> 93%	Reduced use of hazardous reagents at extreme temperatures
	Safer Chemical Design	N/A	
	Safer Solvents and Auxiliaries	<div style="width: 90%;"></div> 90%	Decreased use of flammable and reactive solvents
	Design for Degradation	N/A	
	Inherently Safer Chemical for Accident Prevention	<div style="width: 96%;"></div> 96%	Reduced flammability and reactivity hazard

**TOTAL PERCENT IMPROVEMENT**

**90%**

**AGGREGATE SCORE**

0= Most Desirable



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