



epa.gov/saferchoice

If acute aquatic tox >1 ppm...



AND 10-day window¹

		Ethoxylation Level																
		1EO	2EO	3EO	4EO	5EO	6EO	7EO	8EO	9EO	10EO	11EO	12EO	13EO	14EO	15EO	>	
		Branched alcohol ethoxylate																
Exxal™	Branched alcohol ethoxylate																	
	8																	
	9																	
	10																	
	11																	
13																		

Meets EPA Safer Choice **standard surfactant criteria**

NSF Reviewed Range*

EPA Approved Range

*Additional supporting data needed for potential approval

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1. No degradation products of concern are compounds with high acute or chronic aquatic toxicity ($L/E/IC_{50} \leq 10\text{ppm}$ or $LOEC \leq 1\text{ ppm}$) and a slow rate of biodegradation (greater than 28 days).

Source - <https://www.epa.gov/saferchoice/safer-choice-criteria-surfactants>