Bulletin 1- Sodium Percarbonate Mixing Chart (Metric –First)

Target Concentrations
Sodium percarbonate (SPC) is typically used at 1–3% active concentration depending on soil load and wood type.

Mixing Chart (per 10 L of water)

(Assuming SPC powder is ~85% active)

Cleaning Strength	SPC Active %	SPC Powder Needed	Notes
Light cleaning	1%	175 g (6.2 oz)	Light graying, pollen, light mildew
Standard deck cleaning	2%	350 g (12.3 oz)	Most decks, softwoods, moderate mildew
Heavy organic staining	3%	525 g (18.5 oz)	Hardwoods, algae, deep graying

Water Temperature: 38–54°C (100–130°F) = optimal activation
Avoid >60°C (140°F) to prevent rapid decomposition
Dwell Time: 10–15 minutes on softwood
15–20 minutes on hardwood. Keep surface wet during dwell.