

PolyScience Bath Fluids

BATH FLUIDS ¹			Temperature Range	Quantity	Part Number	Refrigerated Circulating Baths	Heating Circulating Baths	Open Bath Systems	75 L Circulating Bath	Viscosity Baths	Calibration Baths	Cryoprecipitate Bath	Histology Products	Coliform Bath
Cleaners	polyclean CLARIFIER	Prevents growth of algae, keeps baths clean and odor-free. Concentrated: 8 oz (237 ml) treats approximately 200 gallons (757 liters).	n/a	8 oz (237 ml)	004-300040	•	•	•	•	•	•			•
				case = 12 x 8 oz (237 ml)	004-300041									
	polyclean BATH CLEANER	For cleaning and removing rust and mineral deposits from stainless steel and polycarbonate baths. Concentrated: 8 oz (237 ml) treats approximately 16 gallons (60.5 liters).	n/a	8 oz (237 ml)	004-300050	•	•	•	•	•	•	•	•	•
				case = 12 x 8 oz (237 ml)	004-300051									
High Temperature Fluids	polytherm S150	Silicone heat transfer fluid. Superior thermal stability over the temperature range. For use in stainless steel tanks. Temperature range not compatible with Buna N or natural rubber.	50° to 150°C (122° to 302°F)	1 gallon (3.8 L)	060326	•	•	•		•	•			
	polytherm S200	High temperature silicone heat transfer fluid. For use in stainless steel tanks. Temperature range not compatible with Buna N or natural rubber.	100° to 200°C (212° to 392°F)	1 gallon (3.8 L)	060327	•	•	•		•	•			
	polytherm S250	High temperature silicone heat transfer fluid. For use in stainless steel tanks. Temperature range not compatible with Buna N or natural rubber.	150° to 250°C (302° to 482°F)	1 gallon (3.8 L)	060328	•	•	•		•	•			
	polytherm PAG140	Excellent properties for mid-range temperature baths and circulation systems, provides cost-effective alternative to silicone fluids. For use in stainless steel and polycarbonate tanks.	50° to 140°C (122° to 284°F)	1 gallon (3.8 L)	060350	•	•	•	•					
Low Temperature Fluids	polycool HC -50	Excellent low-temperature performance without toxicity or risk to environment, equipment, or personnel. Provides low-temp properties of synthetic organic and silicone fluids with thermal properties of water-based glycols.	-50° to 100°C (-58° to 148°F)	1 gallon (3.8 L)	060330	•			•		•	•	•	
	polycool EG -25	A common circulator antifreeze fluid. Lowers the freezing point of water to allow circulation at below freezing temperatures. High toxicity. Recommend mixing with distilled water for broadest temperature range.	-25° to 100°C (-13° to 212°F) when mixed 50%/50% with distilled water	1 gallon (3.8 L)	060340	•			•		•			
	polycool PG -20	Propylene glycol is a safer alternative to ethylene glycol. Lowers freezing point of water to allow circulation at below freezing temperatures. Mix with distilled water for broadest temperature range.	-20° to 100°C (-4° to 212°F) when mixed 50%/50% with distilled water	1 gallon (3.8 L)	060320	•			•				•	

1. For all fluids except polyclean Bath Cleaner, check bath system compatibility before using.

