Table 1. Parameters settings in MDPD simulations

description	MDPD units	Physical units
Radius, R_c	14	18.5 μm
density, ρ	6.09	1056 kg/m^3
Surface tension, σ	7.51	56.5 mN/m
dynamic viscosity, μ	4.872	0.0064 Pas
	7.649	0.01 Pas
static contact angle, θ_c	45 °,124 °	
impinging angle θ_i.	0 °, 30 °, 45 °, 60 °	
Weber number, $We = \frac{2\rho U_0^2 R_c}{\sigma}$	5.68, 22.7	
Ohnesorge number, $Oh = \frac{\mu}{\sqrt{2\rho R_c \sigma}}$	0.136, 0.214	