



A fermentation-produced, TSCA-certified biosurfactant that replaces legacy surfactants with better performance

Tub and Tile Cleaner Formulation

Featuring Amphi® M Sophorolipid

Locus Ingredients delivers a powerful yet environmentally friendly tub and tile cleaner that works on a variety of stains, including limescale. It features Amphi® M, a naturally occurring blend of nonionic and anionic sophorolipids—biosurfactants from the glycolipid class – and is free of petrochemicals and ethoxylates.

Traditional tub and tile cleaners rely on high alkalinity to aid in cleaning tough soils. Amphi M is designed for acidic and neutral cleaning formulations, relying on its robust wetting and emulsification properties to effectively lift stains from surfaces without potential corrosivity or environmental toxicity concerns.

Ingredient	%
Water	80.00
Amphi® M	7.50
Lauramine Oxide	10.00
Preservative	2.00
Fragrance	0.50
Sodium Hydroxide	qs
Citric Acid	qs
Total	100.00

Formulated by Freelance Formulation

Procedure

Step	Actions
1	Ceramic tiles coated with the “bathroom soil”
2	Washed in 1% solution at 4500 rpm for 10 minutes

