

Technical Data sheet

AmphiCare A

INCI: Glycolipids

Properties

	UNIT	RESULT
Appearance at 20°C		Liquid, translucent
Gardner colour		6.0 – 10.5
Total sophorolipid content (active substance)	%	30.00 – 45.00
Water content	%	55.00 - 60.00
Sophorolipid, lactone (% of active substance)	%	0.00 - 0.01
Sophorolipid, acidic (% of active substance)	%	99.99 – 100.00
Free fatty acids	%	0.0 – 5.0
pH (0.1% solution in water)		5.0 – 6.0
Density at 20°C	g/mL	1.10-1.15
Total aerobic count	cfu/g	0 - 100

Application guidelines

This product can be incorporated directly into formulations by simple blending.

Possible applications and uses:

Cleansing

- Shower and bath products (including body wash, shower gel, and liquid hand soap)
- Skin care (including facial cleansers and rinse- off cleansers)
- Make-up removers

Skincare (Leave-on)

- Hand and body lotions/creams
- Face lotions and creams
- Skin serums

Hair Care

- Shampoos
- Conditioner
- Detangling products

Origin

- 100 % bio based renewable content
- Based on 100 % upcycled second generation feedstock (avoiding any reliance on virgin feedstocks)
- Product of fermentation, biotechnology, non-GMO
- 1,4 dioxane free