

NAT SURFACT[®]

Grade: ACCB

50% suspension of the acid form of rhamnolipids in water at pH 2.1

CAS Numbers: 37134-61-5 and 4348-76-9

INCI Listing: RHAMNOLIPIDS

Specifications	
Characteristic	Range
Appearance	Light brown colloid
Rhamnolipid concentration	48 – 52%
Rhamnolipids that are mono-	35 – 45% (remainder are di-)
pH	2.05 – 2.14
Viscosity	20,000 – 30,000 cP
Triacylglyceride oil	1 – 2%
Elemental analysis (Na and heavier)	
Sulfur	< 0.2%
Phosphorous	< 0.1%
Silicon	< 500 ppm
Chlorine	< 250 ppm
Potassium	< 150 ppm
Copper	< 10 ppm
Zinc	< 5 ppm
All others	Undetectable

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