

50CCB-4

50% rhamnolipids (mixture of mono- and di-)
sodium salt in aqueous solution

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

INCI listing: Rhamnolipids

| Specifications | | Updated 06-22-2017 |
|---|----------------------------|--------------------|
| Characteristic | Range | |
| Appearance | Dark brown, viscous liquid | |
| % Active | 48 – 52 | |
| Fraction of rhamnolipids that are mono- | 35 – 45% | |
| CMC (of active) | 50 – 150 mg/L | |
| % of Moisture | 45 – 49 | |
| Viscosity | 2,500 – 5,000 cP | |
| Residual oil | 1 – 2% | |
| Sodium chloride | 0.2 – 0.3% | |
| pH | 6.9 – 7.1 | |
| Elemental Analysis | | |
| C | 30 – 32% | |
| H | 9 – 11% | |
| N | 0.2 – 0.4% | |
| Excess Na | 1.4 – 1.5% | |
| Mg | < 0.1% | |
| Al | < 0.02% | |
| Si | < 0.01% | |
| P | < 0.05% | |
| S | < 0.02% | |
| K | < 0.01% | |
| Cu | < 5 ppm | |
| Zn | < 2 ppm | |

0.4% Benzyl alcohol added as broad spectrum antimicrobial preservative.

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