

HoneySurf® Sophorolipids



Sustainable, safe, and powerful biosurfactants for use in home care and I&I cleaning



EU & UK REACH registered

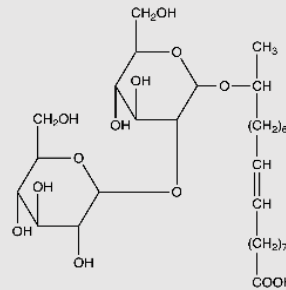
SUSTAINABLE, SAFE, POWERFUL

- ✓ 100% renewable carbon
- ✓ Vegan, ECODETERGENT, non-GMO
- ✓ Non-damaging to plastics
- ✓ Mild & hydrating on skin
- ✓ ECOLABEL compliant
- ✓ Readily biodegradable
- ✓ 100% Natural origin ISO 16128

SUITABLE FOR

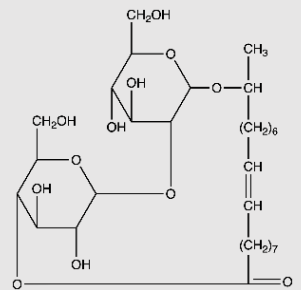
- ✗ Non ethoxylate formulations
- ✗ Non palm oil formulations
- ✗ Non sulphate formulations

Acidic sophorolipid



Foaming & hydrotrope

Lactonic sophorolipid



Degreasing



Natural fermentation process

Non-GMO feedstocks



UK manufacture

Local supply chain

| PROPERTY | HoneySurf® HF | HoneySurf® LF | UNIT | TEST METHOD |
|----------------------|--------------------|--------------------|-----------|-----------------|
| Sophorolipid type | Acidic | Lactonic | - | |
| Appearance at 21°C | Amber clear liquid | Amber clear liquid | - | |
| Colour (gardener) | max. 8.5 | max. 8.5 | - | ASTM D1544 |
| Sophorolipid content | 55 - 65 | 55 - 65 | % by mass | Calculated |
| Fatty acid content | max. 10 | max. 10 | % by mass | HPLC |
| Water content | 25-40 | 25-40 | % by mass | DIN EN ISO 3251 |
| pH | 6 - 9 | 4 - 7 | - | DIN1262 |
| Viscosity | 300 - 1500 | 300 - 1500 | mPa.s | ASTM D7042 |

Applications

Hand dish wash

Laundry liquid

Surface cleaners

Floor cleaner

All-purpose cleaner

Auto dish wash

Carpet shampoo

Bathroom cleaner

Hand wash

Glass cleaner

Vehicle care

Capacity

Plant 1 (online)

1,100+ tonnes per year

Plant 1.5 (end 2024)

3,500+ tonnes per year

Plant 2 (2026)

15,000+ tonnes per year



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