



HARKE

Home & PersonalCare



HomeCare

Newsletter HomeCare 3/2022

Bio-EO Surfactant Range:
Natural Performance Solutions for Better Resource Preservation

June 2022

Solvay is innovating by finding a new way of manufacturing ethoxylated surfactants to reduce the carbon footprint of this product by using ethylene oxide made from sugar cane instead of petrochemical feedstock.

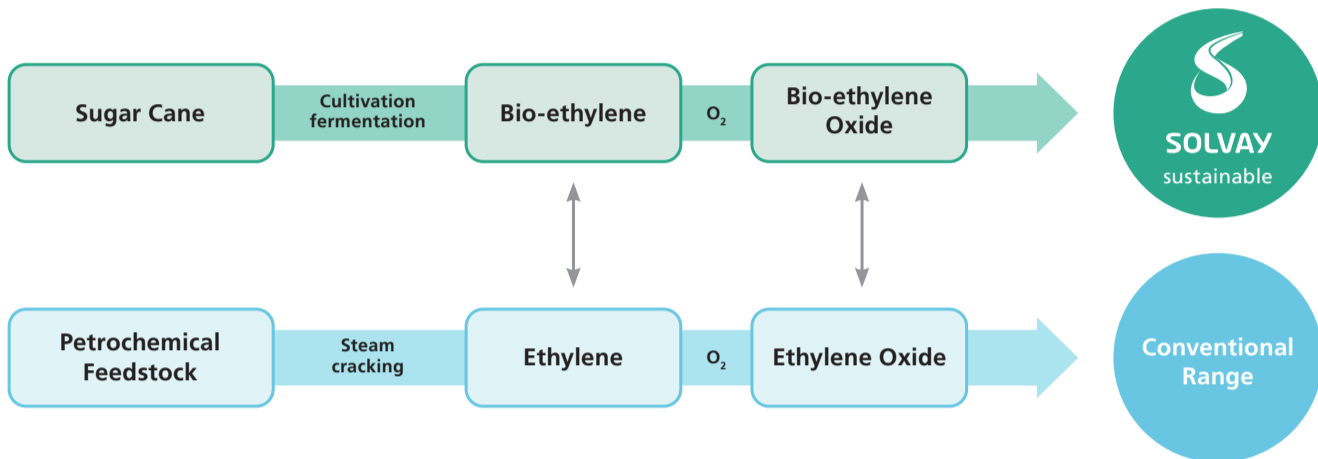
The Bio-ethylene is produced by fermentation and oxidation of the sugar cane.

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100% Bio-based Surfactants

- EO 100% Renewable, 100% Bio-based coming from sugar cane, GMO-free
- Reduces reliance on fossil fuel feedstocks
- Performance identical to petro-based options
- Renewable Carbon Index (RCI) improvement
- Significant reduction of carbon footprint



Key Benefits of Sustainable Ethoxylated Range Naturalness & Performance

Formulator

- Reduces reliance on fossil fuel feedstocks
- Performance identical to petro-based options

Consumer

- 100% Bio-based product for responsible consumption and better sustainable choice

Environment

- 100% Renewable surfactants
- Reduction of carbon footprint

Available Grades

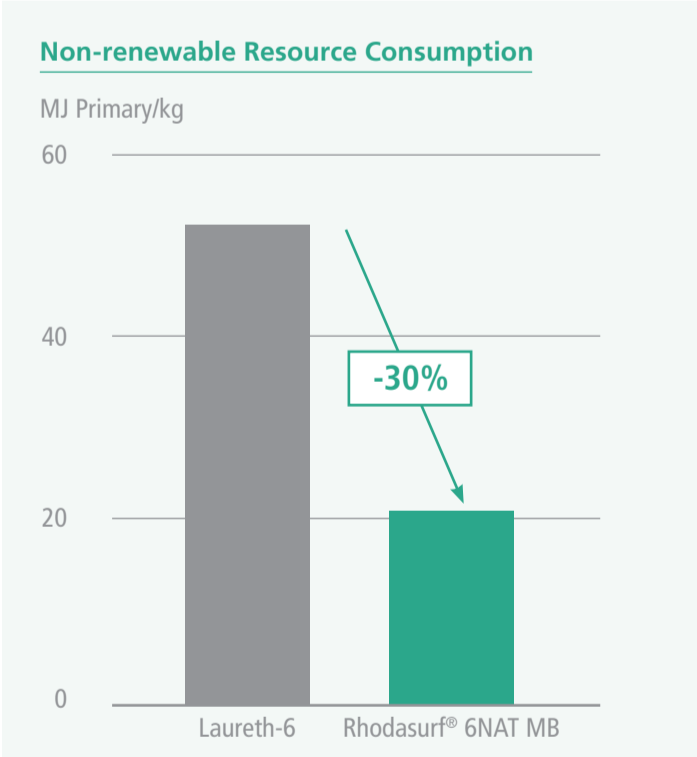
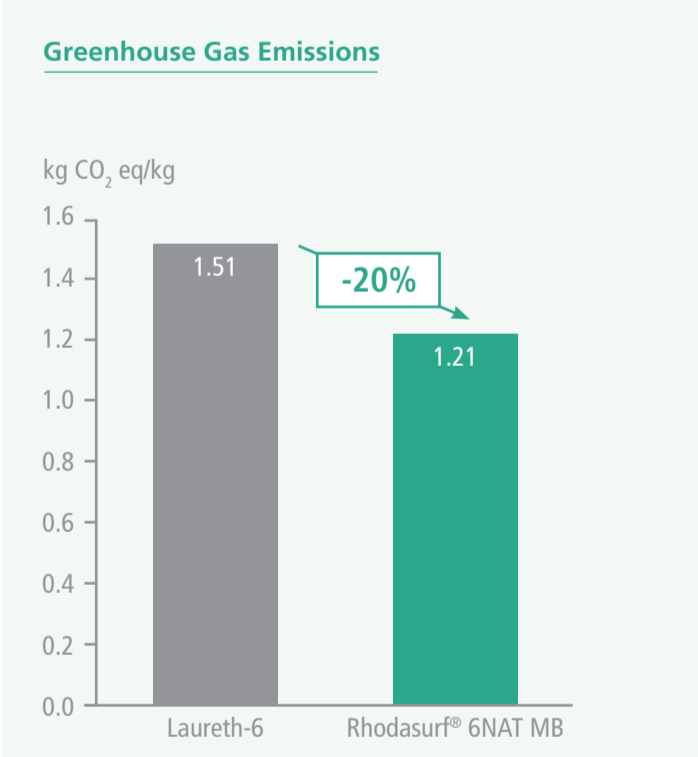
Rhodasurf® 6NAT MB

INCI: Laureth-6

Plant based 6EO lauryl alcohol surfactants that is produced using only vegetable sources and having 100 % renewable carbon. Rhodasurf® 6NAT MB is used in applications such as laundry detergents as excellent emulsifiers with good detergency and wetting properties but with an outstanding sustainable profile.

- Liquid
- Preservative free
- Ecocert conformation for detergent

Reducing the Green House Gas Emission by Using Rhodasurf® 6NAT MB



The Life Cycle Asset numbers shown, account for GHG emissions related to transportation from India; In left slide shown production and destruction (total oxidation)

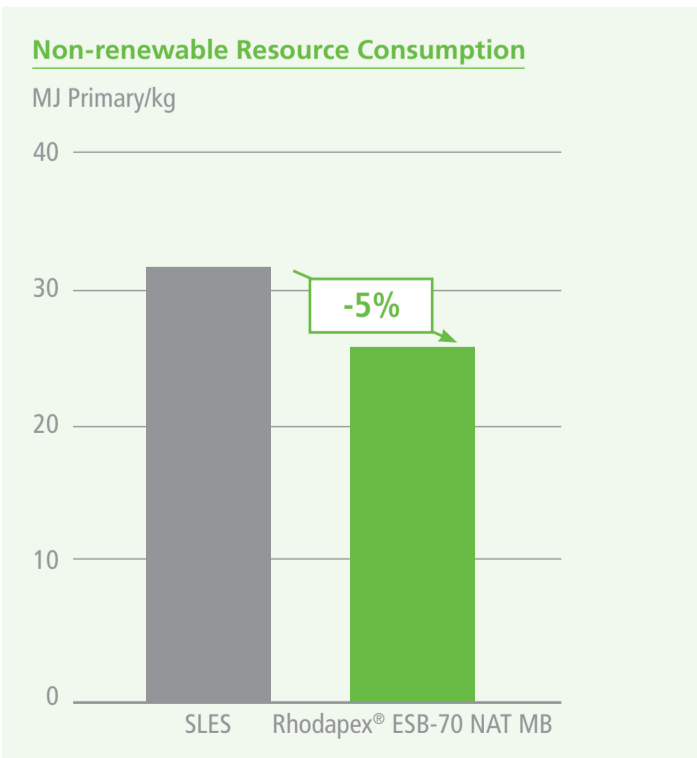
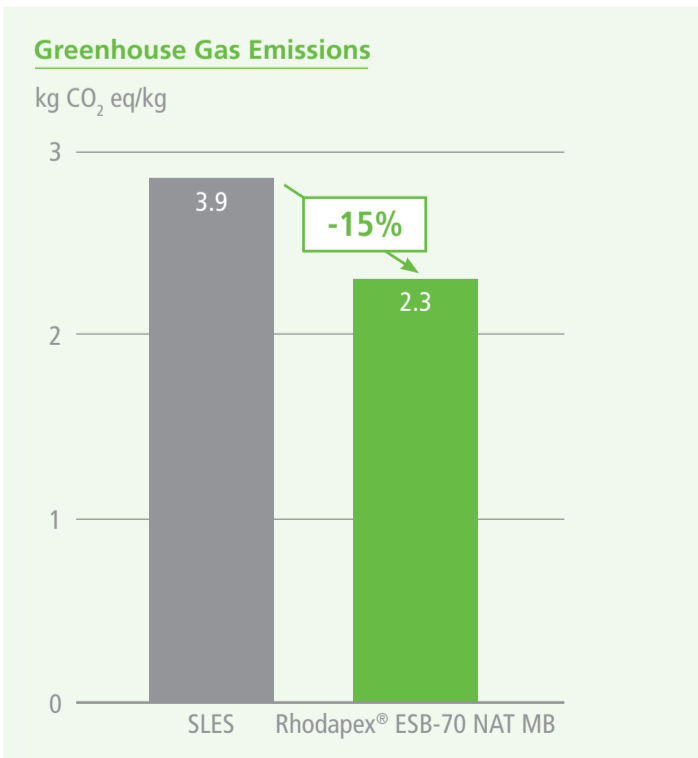
Rhodapex® ESB-70 NAT MB

INCI: Sodium Laureth Sulfate

2 EO sodium laureth sulfate that is made from 100% renewable carbon. Ethylene oxide derived from sugar cane and fatty alcohol from certified Palm Kern Oil (MB Grade).

- Viscous paste
- Preservative free
- Ecocert for detergent, compatible with Ecolabel

Positive Life Cycle Impact



The Life Cycle Asset numbers shown, account for GHG emissions related to transportation from India; In left slide shown production and destruction (total oxidation)



Imprint

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