



OLIVEM[®] 400 series

Olive oil-derived, mild surfactants with excellent dermatological compliance

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OLIVEM® 400 series



The Olivem® 400 series -- Olivem® 400, Olivem® 450 and preservative-free Olivem® 460 -- is a group of extremely mild, olive-based surfactants designed with varying active concentrations (36%, 50% and 60%). They create a rich and creamy foam and have a highly emollient feel after rinse-off.

The formulations prepared with the Olivem® 400 series demonstrate better compliance, safety and skin compatibility, while maintaining functionality.

The Olivem® 400 series helps protect skin's hydrolipidic film and reduces the final irritation index of the formulation.

TECHNICAL DATA

- INCI: Sodium PEG-7 Olive Oil Carboxylate
- Mild anionic surfactants
- Soluble in water and alcohols
- Compatible within pH 3-12
- Compatible with gums, gelling agents and surfactants
- High biodegradability
- Olivem® 460 – preservative free
- HLB 16-18
- Suitable for cold process
- Recommended dosage:
 - Primary surfactant: 1 – 8%
 - Secondary surfactant: 8 – 18%
- Global regulatory compliance

MILD PROPERTIES

- Patch test
- 20 healthy subjects
- 48 hour contact with the product tested at 100%

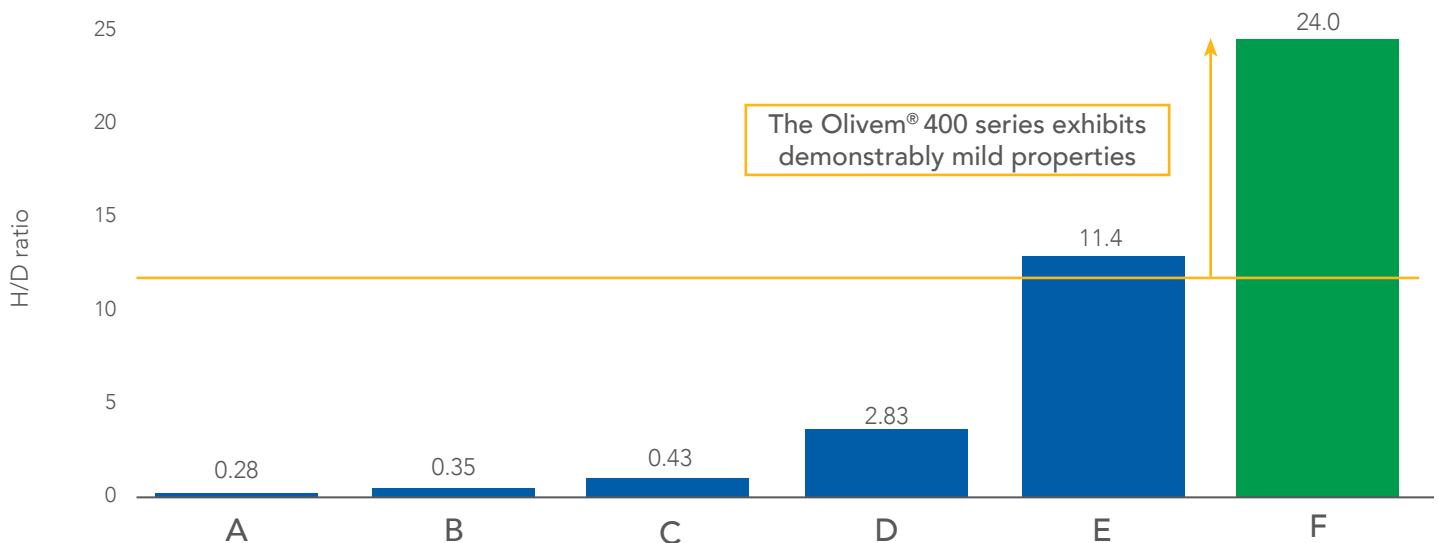
	Index	Classification
15 min after patch removal	0.2	not irritant
24 hour after patch removal	0.05	not irritant

APPLICATIONS

- Shaving products
- Hair care
- Toiletries
- Wet wipes
- Baby care
- Men care

Olivem® 400 series shows good dermatological compatibility.

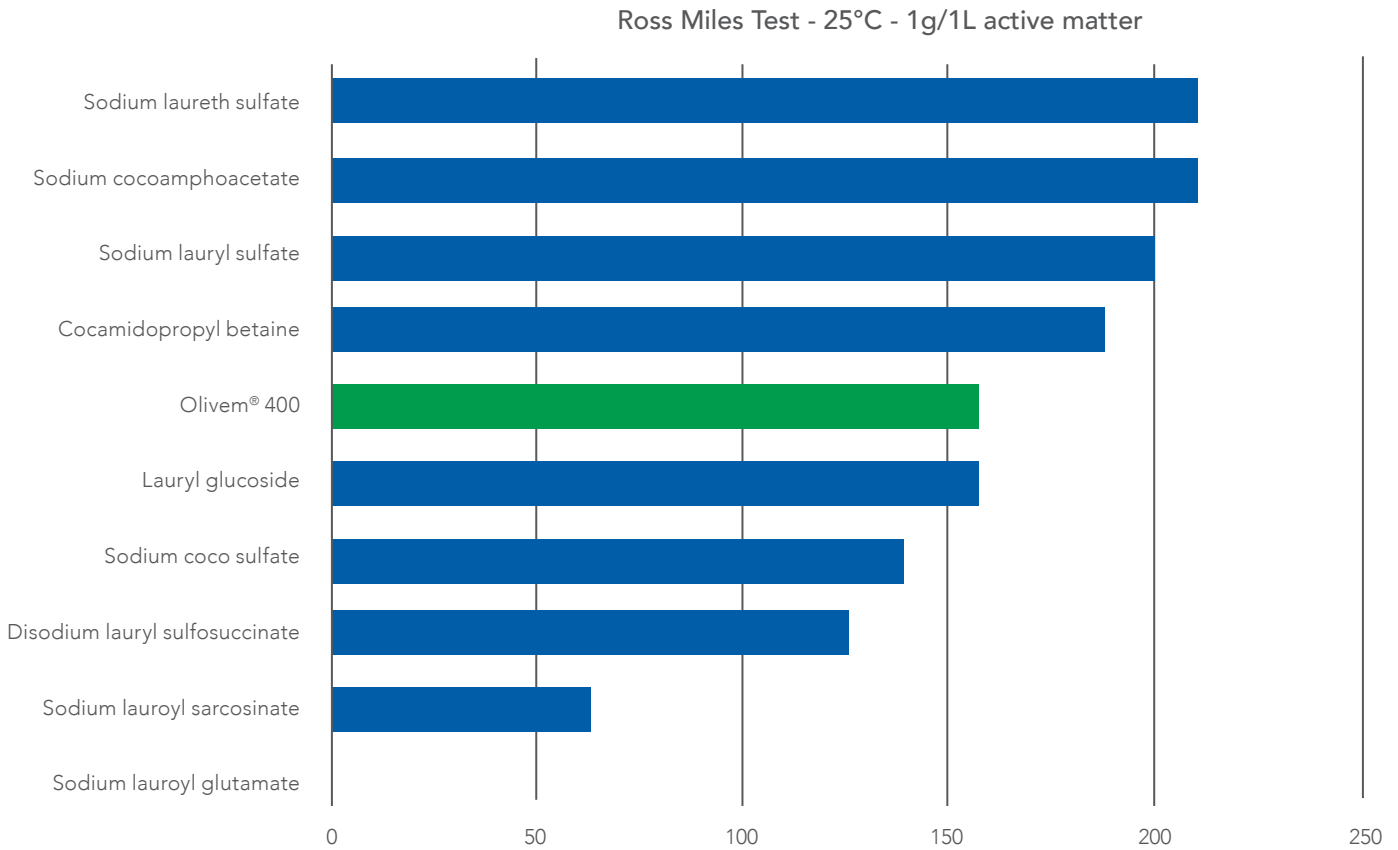
PROOF OF GENTLENESS



- A – Sodium lauryl sulfate
- B – Sodium laureth-2 sulfate
- C – Magnesium laureth-3 sulfate
- D – Cocamidopropyl betaine
- E – Cocoamphocarboxyglycinate
- F – Olivem® 400

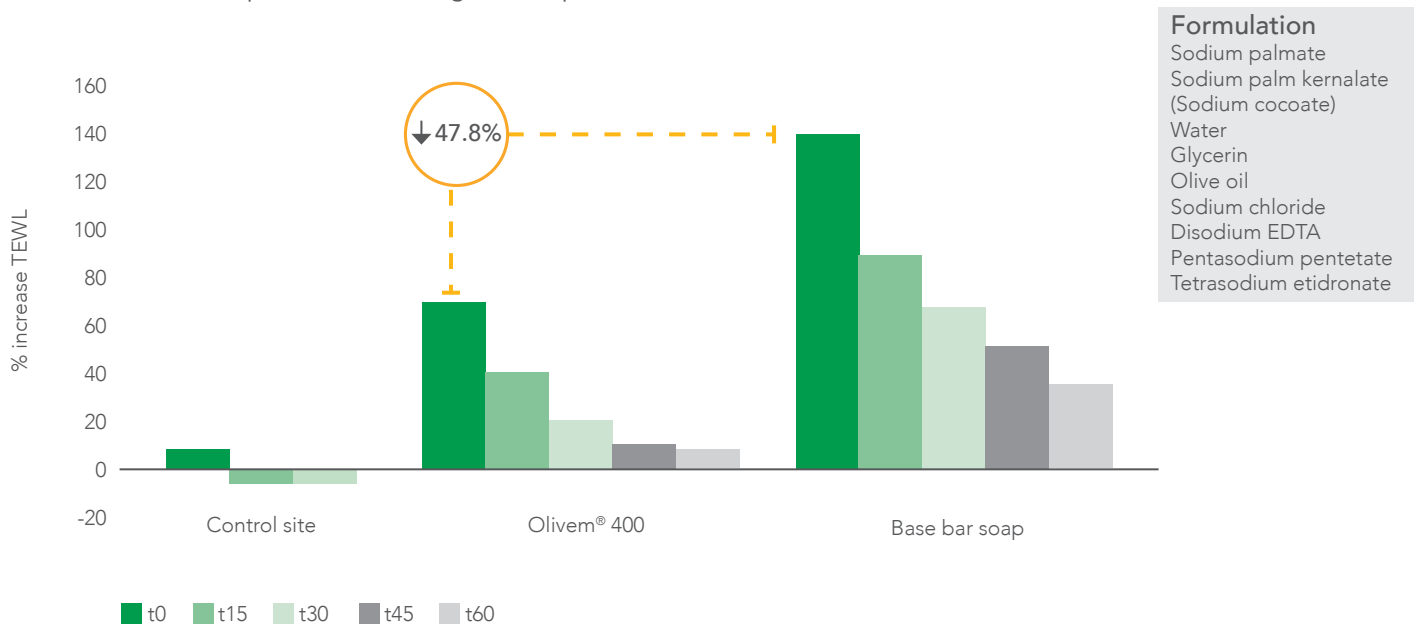
FOAM PROPERTIES

The Olivem® 400 series produces taller and longer-lasting foam compared with other surfactants.



EFFICACY

The Olivem® 400 series protects the skin against soap-induced TEWL.



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