



SURFONIC® BIO

Biosurfactants to develop natural, mild and efficient formulations

SURFONIC® BIO

Biosurfactants

Traditional surfactants

Petro-chemical based surfactants

Mild surfactants

Mild bio-based surfactants

Biosurfactants



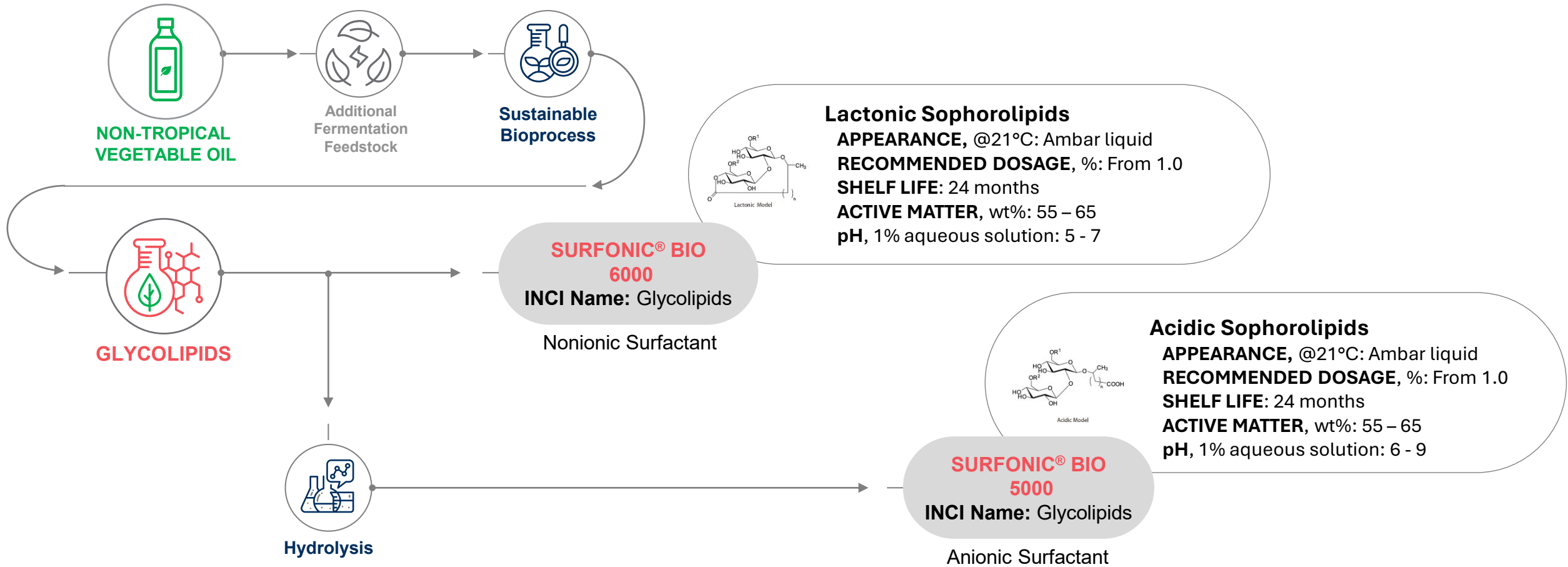
SURFACTANTS TIMELINE
EVOLUTION

SURFONIC® BIO is a biosurfactant line that presents an **extremely low toxicological profile**, is **biodegradable** and produced by a **natural, mild bioprocess**, that is **FREE FROM PKO, GMO and SOLVENTS**.

Moreover, the line offers benefits that go far beyond traditional market surfactants in one ingredient

SURFONIC® BIO











sustainable process



SURFONIC® BIO

main attributes













-  COSMOS Approved by Ecocert
-  Natural derived ingredient
-  EO, PKO and GMO free
-  Biodegradable
-  Dermatologically tested
-  Non-acneogenic / Non-comedogenic
-  No irritating (HRIPT)
-  Synergistic with other surfactants
-  Preservative free
-  Natural Moisturizing Factor (NMF) compatible ingredient

SURFONIC® BIO

main attributes



-  COSMOS Approved by Ecocert, **certified raw material**
-  Natural derived ingredient, **obtained by rapeseed oil**
-  EO, PKO and GMO free, **produced by fermentation process**
-  Biodegradable, **proved by evaluation**
-  Dermatologically tested, **proved by evaluation**
-  Non-acnegenic / Non-comedogenic, **proved by evaluation**
-  No irritating, **HRIPT test evaluation**
-  Synergistic with other surfactants, **proved by tests**
-  Preservative free, **proved by composition**
-  Natural Moisturizing Factor (NMF) compatible ingredient, **due free fatty acids in their composition**

SURFONIC® BIO

main applications



SKIN CARE

SURFONIC® BIO 5000 gives a balanced moisturizing effect, promoting a skin hydration over 24 hours, fast absorption and acts as alternative to ethoxylated emulsifiers.



HAIR CARE

SURFONIC® BIO 6000 plays a crucial role in hair conditioners allowing cationic conditioning agent replacement with equivalent performance and improved sustainability profile.



FACIAL CARE

SURFONIC® BIO 5000 is a non-irritant surfactant for facial formulations that delivers advanced make-up removal with immediate hydration effect and oiliness support management.