



GloryDermal

Glorydermal[®] NolipOx



Antioxidant Product Protection

Glorydermal[®]: European Union Trademark, UM 018103264



NATRUE Approved



COSMOS
APPROVED

Why is product protection essential?

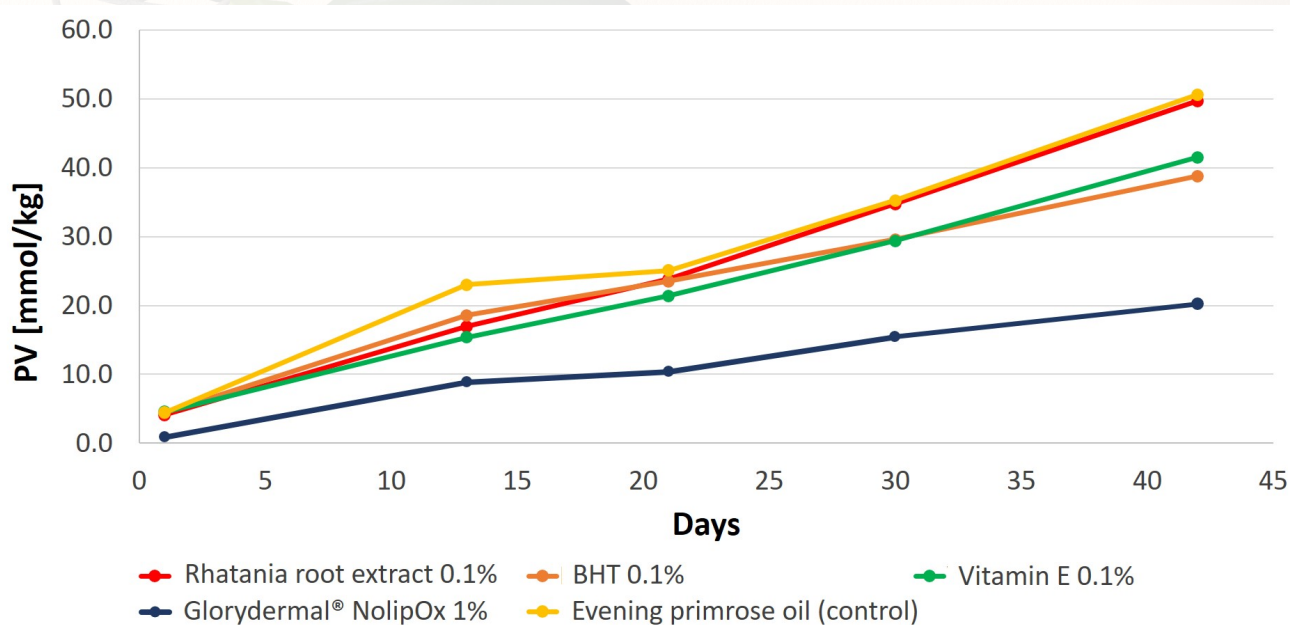
Oxygen and Reactive Oxygen Species (ROS) lead to:

- Undesired and skin-damaging product changes.
- Basically, every cosmetic product is affected, especially if it contains sensitive ingredients.
- In addition to protective packaging, effective product protection is therefore crucial as well.

Product protection with Glorydermal® NolipOx

- Protection against the formation of sensitisers, allergens and irritants (e.g. hydroperoxides)
- Protection against odour change
- Protection against colour change
- Protection against degradation of actives
- Protection against degradation of sensitive substances such as fragrances and vegetal oils
- Compliant with SCCS Opinion 2012 on Fragrance Allergens and the IDEA project

Antioxidant product protection with synergistic effect



Oxidative stress test of evening primrose oil without and with different antioxidant product protection.
 Sample preparation: 1 day before start of measurement. Aeration of the samples every working day (5 min each).
 PV determination (Peroxide Value): 1 g sample + 100 µl potassium iodide solution following Ph. Eur. 2.5.5.

Product Code: GD-NLO-001

Description (protected formula (utility model)):

Synergistically acting antioxidant blend of rhatania root extract, tocopherol and ascorbyl palmitate.

INCI EU (CTFA/PCPC):

LECITHIN, HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL, TOCOPHEROL, ASCORBYL PALMITATE, KRAMERIA TRIANDRA (RHATANY) ROOT EXTRACT, OLEA EUROPAEA (OLIVE) FRUIT OIL.

Appearance and solubility: Viscous, brownish-red liquid, oil-soluble.

Recommended dosage:

0.5 - 2.0% depending on the sensitivity of the product to be protected.

Recommended formulation conditions:

Shake well before use. Stir preferably into the warm oil phase (T < 65°C).

Further details on dosage and formulation recommendations can be found in the Composition Sheet.