Glorydermal® NolipOx

Antioxidant Product Protection

Why is product protection essential?

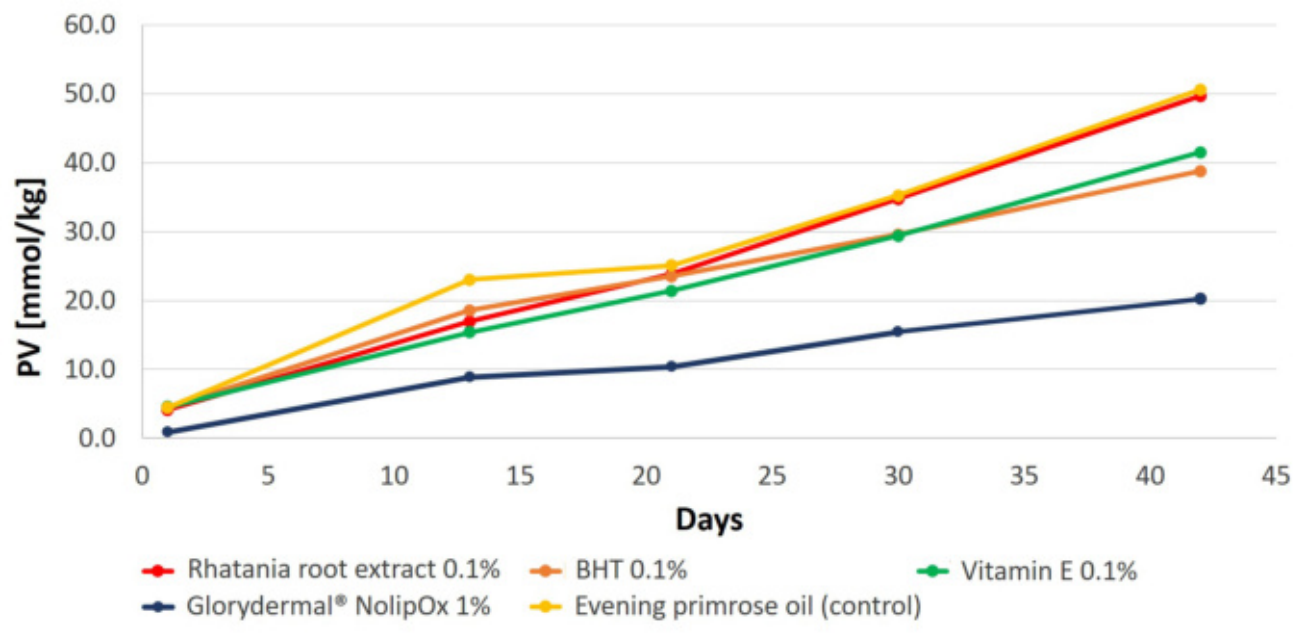
Oxygen and **Reactive Oxygen Species (ROS)** lead to:

- **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.

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