



The recipe for successful preservation has two main ingredients working synergistically together: GMP and a versatile, effective and, easy to use preservative system.

Campo Research has been supplying the **CAMPO Plantservative Wsr** (INCI **Lonicera Japonica flower extract, Lonicera Caprifolium flower extract**) for over 30 years to small as well as big manufacturers thanks to **CAMPO Plantservative Wsr's** versatility, broad antimicrobial, antiviral and anti-endospores performance and green chemistry profile as well as complete absence of EC allergens.

Upcycled from wildly cropped honeysuckle plants that are classified as weeds, the **CAMPO Plantservative Wsr** is also GRAS (GRN No 13), has a **Natural Origin Index of 1** according to the **ISO 16128** and is **Cosmos and Natrue compliant**.

Therefore, **CAMPO Plantservative Wsr's** botanical origin enables 100% natural derived claims in natural based formulations in need of **an effective plant botanical based preservative system**.

The **CAMPO Plantservative Wsr** is non ionic, therefore compatible with cationic and anionic ingredients, and does not impact the sensorial properties of cosmetic formulations, namely- the color and the odor.

CAMPO Plantservative Wsr gives antiviral, anti-endospores, and antimicrobial protection, in a broad pH range (2.5 to 12), giving reliable protection in several cosmetic applications, including mineral based products (mineral SPF, clay masks and the likes) where pH drifts to 7 and above.

The **CAMPO Plantservative Wsr** is also temperature resistant up to 95°C (208°F), making possible to add **CAMPO Plantservative Wsr** at different stages of the production process, such as in the cooling stage or at the beginning before heat is applied.

The heat does not impact **CAMPO Plantservative Wsr's** concentration as **CAMPO Plantservative Wsr** is not volatile. Given **CAMPO Plantservative**

WSr alkaline nature it is best to pre-neutralize **CAMPO Plantservative WSr** with Lactic acid before adding it to the main production vessel. For Information: tech-support@campo-research.com