

Product Description:

- **INCI Name:** Aloe barbadensis leaf juice
- **CAS No:** 85507-69-3
- **Physical Properties:** Translucent/pale yellow, Mild odor, Liquid
- **Country of Origin:** Canada
- **Certifications:** Vegan
- **Bulk Packaging:** 200L drum *4 = 800L /pallet

Formulation Guidelines for Aloe Vera Juice

Aloe vera juice is a popular ingredient in cosmetic and personal care formulations due to its moisturizing, soothing, and skin-nourishing properties. When using aloe vera juice in formulations, here are some guidelines to consider:

1. **Concentration:** The recommended usage level of aloe vera juice can vary depending on the specific formulation and desired effects. Typical concentrations range from 5% to 50% or more, depending on the product type.
2. **Compatibility:** Aloe vera juice is generally compatible with a wide range of cosmetic ingredients. However, it's a good practice to conduct compatibility tests to ensure it works well with other components in your specific formulation.
3. **Stability and Preservation:** Aloe vera juice contains natural compounds that can be susceptible to degradation over time, especially when exposed to air, light, and heat. Consider using antioxidants or preservatives to extend the shelf life of your formulation.
4. **pH Considerations:** Aloe vera juice has a slightly acidic pH, typically around 4.5 to 5.5. Adjust the pH of your formulation as needed, considering the compatibility with other ingredients and the desired pH range for the final product.
5. **Moisturization and Soothing:** Aloe vera juice is known for its hydrating and soothing properties. It can help moisturize the skin, calm irritations, and promote skin health. Incorporate aloe vera juice into formulations such as creams, lotions, serums, and masks for added hydration and soothing benefits.
6. **Texture and Consistency:** Aloe vera juice can affect the texture and viscosity of formulations. It is water-based and can contribute to the overall viscosity of the product.
7. **Regulatory Considerations:** Ensure compliance with applicable regulations and guidelines for the use of aloe vera juice in your specific region and industry. Familiarize yourself with relevant regulations, labeling requirements, and any restrictions or limitations on its usage.
8. **Testing and Quality Control:** Before scaling up production or launching a product containing aloe vera juice, conduct stability testing and quality control checks to ensure the performance, stability, and safety of your formulation such as: viscosity measurements, stability tests under different conditions (temperature, pH), and microbial contamination tests.

