

Product Description:

- **INCI Name:** Caprylic/Capric Triglyceride
- **CAS No:** 65381-09-1
- **Physical Properties:** Colourless/faint yellow, Odorless Liquid
- **Country of Origin:** Malaysia
- **Certifications:** USP, Kosher
- **Bulk Packaging:** 180kg drum *4 = 720kg/pallet

Formulation Guidelines for MCT Oil

MCT (Medium-Chain Triglyceride) Oil is a versatile ingredient commonly used in cosmetic and personal care formulations as a carrier oil, emollient, and moisturizer. When using MCT Oil in formulations, here are some guidelines to consider:

1. **Concentration:** The recommended usage level of MCT Oil can vary depending on the desired product and its intended use. Typically, MCT Oil is used at concentrations ranging from 1% to 100% in formulations, depending on the specific application and desired properties
2. **Carrier Oil:** MCT Oil is often used as a carrier oil to dissolve and deliver other active ingredients in formulations. It has good solubility and compatibility with a wide range of cosmetic ingredients. Consider the solubility and compatibility of your other ingredients when formulating with MCT Oil as a carrier oil.
3. **Emollient and Moisturizer:** MCT Oil has excellent emollient properties, providing a smooth and soft feel to the skin. It helps to moisturize and hydrate the skin by forming a protective barrier that helps reduce water loss. Incorporate MCT Oil into formulations such as lotions, creams, serums, and balms to enhance their moisturizing effects.
4. **Texture and Sensory Attributes:** MCT Oil is a lightweight and non-greasy oil that absorbs quickly into the skin. It imparts a silky and smooth texture to formulations. Consider the sensory attributes you want to achieve in your formulation, such as lightness, spreadability, and non-greasy feel, when using MCT Oil.
5. **Stability:** MCT Oil has good stability and resistance to oxidation. It has a long shelf life compared to other oils. However, it is still important to protect MCT Oil-containing formulations from excessive heat, light, and air exposure to maintain their quality and stability.
6. **Compatibility:** MCT Oil is generally compatible with a wide range of cosmetic ingredients.
7. **Regulatory Considerations:** Ensure compliance with applicable regulations and guidelines for the use of MCT Oil 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 MCT Oil, 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.

