

— milk —



CAS:72881-27-7

Milk lactone

牛奶内酯

Milk lactones are organic compounds characterized by creamy, milky, and fruity notes. They impart a soft, buttery aroma with peach and pear nuances, along with a subtle musk

ODOWELL

Milk Lactone Brochure

Product Name: Milk Lactone

Chemical Name: 5-(6)-Decenoic acids mixture

CAS Number: 72881-27-7

Molecular Formula: C10H18O2

Purity : ≥ 98%

Appearance: Colorless to pale yellow liquid

Odor: Creamy, milky, floral, green, and slightly fruity

Key Applications

- Perfume Industry:** Milk Lactone adds a soft, creamy, and velvety lactonic note to fragrance compositions. It enhances floral bouquets, especially rose accords, and contributes a fresh, watery nuance that complements green and anise top notes. It creates warmth and nostalgia in perfumes
 - Cosmetics and Personal Care Products:** Used in lotions, shampoos, and body washes to impart a comforting creamy aroma, enriching the sensory experience and adding a smooth, milky softness.
 - Food and Beverage Industry:** Widely used as a flavor enhancer in dairy-based products such as ice cream, yogurt, milkshakes, baked goods, confections, and beverages. It provides a rich, buttery, creamy taste and aroma reminiscent of fresh bakery and dairy delights.
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Recommended Usage Levels

Perfumes	0.3% - 5%
Cosmetics	0.05% - 1%
Food and Beverages	Up to 25 ppm

Packaging and Storage

Packaging: Available in 10ml samples, 25kg, 160kg drums

Storage: Store in a cool, dry place, sealed and protected from direct sunlight and heat to maintain stability.