

TECHNICAL INFORMATION SHEET

Identification of the substance:

Trade Name: **Octyl palmitate**

Composition/information on ingredients:

INCI Name: Octyl Palmitate
Chemical Name: 2-Ethylhexyl Palmitate.
CAS No/s: 29806-73-3
EINECS No/s: 249-862-1

Physical and chemical properties:

Appearance: Clear oily liquid
Colour: 100 max (APHA)
Odour: Practically odourless
Solubility: Soluble in most organic solvents such as esters, mineral oil, mineral spirits and aromatic hydrocarbons. Insoluble in water.
Other data: Acid value: 0.20 max
Saponification value: 147 - 157
Iodine value: 1.0 max
Hydroxyl value: 1 max
Molecular weight: 368 Theoretical.
Specific gravity: 0.850-0.856
Pour point: -1.5 C.
Viscosity: 11.5 cps.
Refractive index: 1.444-1.447

Additional information:

Properties: Esters of this type do not impede insensible perspiration and skin respiration. It does not attack polystyrene. It has a light, dry, silky feel and imparts this property into formulations into which it is placed.
Applications: Enhances the gloss in stick make-up and hair grooming products and can be used in suntan and bath oil products. Acts as a binder for pressed powders, and, as expected, is an emollient in all types of creams and lotions.
Origin: Vegetable
Shelf life: 2 - 3 years