JNA INGREDIENT CO.

TECHNICAL DATA SHEET | CETYL ALCOHOL

Revision date: 10 November 2026

Product identification

Property	Details
INCI name	Cetyl Alcohol
CAS number	36653-82-4
Grade	Cosmetic
Botanical feedstock	Palm oil
Appearance	White to slightly yellowish waxy solid

Technical specifications

Parameter	Specification
Cetyl Alcohol (C16)	Minimum 96.0%
C14 fatty alcohol	Maximum 1.0%
C18 fatty alcohol	Maximum 2.5%
Acid value	Maximum 1.0 mg KOH/g
Heavy metals	Maximum 5 ppm
Total plate count	Maximum 10,000 cfu/g
Yeast and mould	Maximum 100 cfu/g
Escherichia coli	Absent in 1 g
Salmonella	Absent in 10 g

Composition and origin

Cetyl Alcohol is the only intentionally added component. No carriers, preservatives, stabilisers or other additives are intentionally added. Minor trace impurities from manufacturing may be present within specification limits. The fatty alcohol is entirely derived from palm feedstock, with no petrochemical-derived fatty alcohols blended into this grade. The manufacturer declares a natural-origin index of 100% under ISO 16128.

Function and formulation

A fatty alcohol used as an emollient, consistency agent and co-emulsifier in cosmetic creams, lotions and conditioners. Insoluble in water; incorporate through an appropriate heated oil-phase process and assess compatibility, processing and final stability in the complete formulation. It supports an emulsifier system and is not a stand-alone emulsifier.

Storage and handling

Store tightly sealed in a cool, dry place away from direct light and heat. Shelf life: 24 months under the recommended storage conditions. Refer to the current Safety Data Sheet for handling and safety information.

Technical information describes the supplied grade and is not a batch Certificate of Analysis. The formulator is responsible for assessing suitability, safety and stability in the finished product.