PILOT® CHEMICAL COMPANY

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UPSYCAL® BA14

PRODUCT DATA SHEET

PDS R-10181.0.ACTIVE.10292025

PRODUCT DESCRIPTION

UpSyCal® BA14 is a branched hydrocarbon, silicone-alternative which contains components derived from biobased, non-edible agricultural feedstocks. UpSyCal® BA14 is an excellent emollient, dispersing aid and can be used in many personal care applications.

INCI NAME

Pentylnonane

CAS #

959262-45-4

TYPICAL PROPERTIES

Appearance	Clear, colorless liquid
Color Index	<0.5
Flash Point, °C	86
Boiling Point, °C	241
Viscosity (20 °C), cSt	3.784
Viscosity (40 °C), cSt	2.370
Shelf Life	3 Years

APPLICATIONS

UpSyCal® BA14 has the volatility and characteristics to be used as a functional equivalent for cyclic silicones, low molecular weight linear silicones and isododecane. UpSyCal® BA14 can be used in facial, body lotions, hair care, skin care and color cosmetic product formulations.

ADVANTAGES

UpSyCal® BA14 is a lightweight, fast-drying emollient in skincare, haircare, and cosmetic products, providing a smooth, non-greasy finish. UpSyCal® BA14 will improve the spreadability of creams and hair products. UpSyCal® BA14 effectively reduces surface tension to enhance the dispersion of pigments and minerals in leave-on formulations.

STORAGE & HANDLING

Refer to the UpSyCal® BA14 Safety Data Sheet (SDS) before storing, handling or using. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Store in a tightly closed container away from ignition sources and in well-ventilated areas. Do not store with strong oxidizing agents.

PACKAGING

Available in 4 oz. samples quantities for R&D use only. All activities must be conducted under the direct supervision of a technically qualified person.

See additional product information at www.pilotchemical.com.

The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confirm the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued.

RESPONSIBLE CARE® Driving Safety & Sustainability