

ALZO INTERNATIONAL INC.

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TECHNICAL BULLETIN

Elefac I-205

Chemical Name: Octyldodecyl Neopentanoate
INCI Name: Octyldodecyl Neopentanoate
CAS Number: 125496-22-2
ELINECS Number: 424-370-1

SPECIFICATIONS

Appearance @ 25°C	Clear Liquid
Color APHA	40 Maximum
Odor	Slight, Characteristic
Specific Gravity @ 25°C	0.845 ± 0.01
Refractive Index @ 25°C	1.440 ± 0.01
Acid Value	2.0 Maximum
Saponification Value, mg KOH/gr	130 – 150

SOLUBILITIES (5% @ 25°C):

Water	Insoluble
Castor Oil	Soluble
Mineral Oil	Soluble
Safflower Oil	Soluble
Ethyl Alcohol SD-40 (Anhyd.)	Soluble

SUGGESTED USES:

Elefac I-205 is recommended as an emollient in sunscreen emulsions. It has actually been shown to increase the “SPF” in high SPF products. Elefac I-205 is also an excellent binder and emollient for pressed powder and has unusual stability in acid pH emulsions.

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