



Alzo International

TECHNICAL BULLETIN

CITMOL 320

Chemical Name: Tri-2-Octyldodecyl Citrate
INCI Name: Trioctyldodecyl Citrate
CAS Number: 126121-35-5
EC: 603-121-2

TYPICAL PROPERTIES:

Appearance, 25°C	Clear Liquid
Color (Gardner)	1 Maximum
Acid Value	4.0 Maximum
Saponification Value	135 – 165
Moisture	0.2%
Hydroxyl Value	20 Maximum

SOLUBILITIES (5% Conc. @ 25oC):

Water	Insoluble
Propylene Glycol	Insoluble
Castor Oil	Soluble
Mineral Oil	Soluble
Safflower Oil	Soluble
Ethylhexyl Palmitate	Soluble
Oleyl Alcohol	Soluble
Ethyl Alcohol-SD 40 95%	Soluble

SUGGESTED APPLICATIONS:

Citmol 320 is a viscous emollient with a castor oil type property and feel. This zero comedogenic oil lends itself to a myriad of cosmetic applications. Its unusual solvency and ability to be solidified with uniformity suggests many uses in stick and pigmented emulsion type products. Its unusual emolliency and pigment dispersing properties suggest its use special emollient and cleansing creams. Its unique high viscosity similar to that of U.S.P. mineral oil, suggests its use in lipsticks.

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Alzo International Inc
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650 Jernee Mill Road, Sayreville, New Jersey 08872 USA ■ Phone: (732) 254-1901 ■ Fax: (732) 254-4423
E-Mail: info@alzousa.com ■ Website: www.alzointernational.com