

# ALZO INTERNATIONAL INC.

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## TECHNICAL BULLETIN

### Bernel Ester DCM

Chemical Name: Dimethylheptyl Maleate  
INCI Name: Dicaprylyl Maleate  
CAS Number: 97298-48-1  
EINECS Number: 205-524-5

### **SPECIFICATIONS:**

Appearance	Clear Liquid
Color, % Trans @ 440 n/m	78 Minimum
Odor	Match Standard
Acid Value	1.0 Maximum
Saponification Value	302 – 332
Moisture	0.1% Maximum
Specific Gravity @ 25°C	0.923 – 0.933

### **SOLUBILITIES (5% Conc. @ 25°C):**

Water	Insoluble
Castor Oil	Soluble
Mineral Oil	Soluble
Safflower Oil	Soluble
Ethyl Alcohol SD-40	Soluble

### **SUGGESTED APPLICATIONS:**

Bernel Ester DCM is a light, non-greasy emollient, compatible in any type of emulsion system. Due to its unique structure, it is very easily emulsified. Its price lends it to being used in large volume for bath and other toiletry products. An all-purpose emollient and excellent solubilizer for crystals such as oxy Benzene.

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