



Caprol[®] 6G20

CAS Number: 9007-48-1

Product Type:

Caprol 6G20 (also known as hexaglycerol dioleate) is a diester of oleic acid and a glycerin polymer containing an average of six glycerin units. It is a non-ionic, non-alkoxylated emulsifier derived from naturally-occurring, vegetable oil raw materials. **Caprol 6G20** is used in a variety of food, cosmetic, and pharmaceutical applications as a non-ionic, multi-functional emulsifier. It is a hydrophilic (o/w) emulsifier and may be considered as a performance alternative to selected polysorbate (or other alkoxylated) emulsifiers. It is a polyglycerol ester which conforms to the specifications of the Code of Federal Regulations (21 CFR § 172.854) and the Food Chemicals Codex for polyglycerol esters *Polyglycerol Esters*.

Specifications:

Specification	Limit	Test Method
Appearance/ Form @ 77°F	Yellow liquid	Visual
Color (Gardner)	10 max.	¹ AOCS Td 1a-64
Acid Value	6 max.	AOCS Cd 3d-63
Hydroxyl Value	200-275	AOCS Cd 3b-76
Saponification Value	105-125	AOCS Cd 3b-76

¹AOCS: American Oil Chemists' Society

Typical Properties:

Iodine Value	75 max.	AOCS Cd 1-25
HLB	8.5	Calculated



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Regulatory:

Meets the specifications of the Code of Federal Regulations (21 CFR § 172.854) and the Food Chemicals Codex for *Polyglycerol Esters*.

Shelf-Life:

Retest and requalify 12 months from the date of manufacture.

Storage:

Store in a dry place at 68-77°F.

Standard Package:

425 lb. (193 kg) drum.

The information contained in this bulletin to the best of our knowledge is currently true and accurate. Any recommendations or suggestions are made without warranty or guarantee since, among other reasons, the conditions of storage and use are beyond our control.