

ECHOLIEN™ 7GC

ECHOLIEN™ 7GC is PEG 7 GLYCERYL COCOATE a low irritation, vegetable origin, non-ionic surface-active agent and acts as an emulsifying agent. It has emollient and conditioning effects on skin. It is an especially mild cleansing agent, viscosity builder and solubilizer.

CAS No	68201-46-7
Form	Clear liquid
Packing	200kg net HDPE drums

TYPICAL CHEMICAL AND PHYSICAL CHARACTERISTICS

PARAMETERS	VALUE
Appearance at 25 °C	: Clear liquid
Color in Lovibond 2000 color comparator	: 3G Max
Acid Value, mgKOH/gm	: 5 Max
SAP Value, mgKOH/gm	: 85 – 105
Hydroxyl Value, mgKOH/gm	: 175 – 195
Moisture Content, %	: 1 Max
pH (5% aq.)	: 6 – 8

APPLICATIONS

It is used for a wide range of applications such as

- In shampoos and personal cleansing products as conditioner and emollient
- As an emulsifier and solubilizer for essential oils
- As a super-fatting agent in cosmetic products without lowering the foam
- In bubble bath, bath soaps and skin care preparations
- In baby shampoos and hair conditioners
- In leather, textile and food industries

GUIDELINES FORMULATIONS

Mild Shower Gel ST-SB 3

Sodium Laureth Sulfate (28%)	: 37.00%
Echolient™ 7GC	: 1.50%
Water	: 42.50%
Sodium Cocoamphoacetate	: 9.00%
Capramidopropyl Betaine	: 5.00%
Citric Acid, 30%	: 1.30%
NaCl	: ~ 0.2%
Preservatives	: q.s.

Preparation :

Mix the Ingredients in the given order.