

**TECHNICAL DATA SHEET****Product Name****Galaxy PEG 7 Glyceryl Cocoate****DESCRIPTION**

Chemical Name	: PEG-7 Glyceryl Cocoate
INCI Name	: PEG-7 Glyceryl Cocoate
CAS Number	: 68201-46-7
Chemical Formula	: $\begin{array}{c} \text{CH}_2(\text{OCH}_2\text{CH}_2)_x\text{OCOR} \\   \\ \text{CH}(\text{OCH}_2\text{CH}_2)_y\text{OH} \\   \\ \text{CH}_2(\text{OCH}_2\text{CH}_2)_z\text{OH} \end{array}$ (RCO represent fatty acids derived from coconut oil and 'x+y+z' has an average value of 7)

**TECHNICAL SPECIFICATIONS**

Appearance/nature	: Clear liquid, free from dirt
Colour	
a) description	: Colourless to pale yellow
b) on Gardner, maximum	: 3
Odour	: Characteristic
pH (5 % aqueous solution)	: 6 - 8
Acid value, mg KOH/gm, maximum	: 5
Saponification value, mg KOH/ gm	: 85 – 100
Hydroxyl value, mg KOH/gm	: 165 - 190
Moisture content, % by mass, maximum	: 1

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#### PROPERTIES

**Galaxy PEG 7 Glyceryl Cocoate** is a water soluble polyol fatty acid ester. It is a non-ionic surface active agent and acts as an emulsifying agent. It has emollient and conditioning effects on skin. It also has super-fatting properties.

#### APPLICATIONS

**Galaxy PEG 7 Glyceryl Cocoate** finds applications in various industries.

It is used for wide range of applications such as:

- In shampoos and personal cleansing products as a conditioner and emollient
- As an emulsifier and solubiliser 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

#### PACKING

**Galaxy PEG 7 Glyceryl Cocoate** is available in 235 kg HM-HDPE drums. Total of 80 drums i.e. 18.8 MT can be shipped in either palletized or non-palletized 20 ft. full container load.

#### HANDLING AND STORAGE

Store in a clean, dry area. Keep drums tightly closed. Recommended storage temperature is 25<sup>0</sup>-35<sup>0</sup>C. In original, sealed containers and kept at suggested storage conditions, the product can be stored for at least 1 year. Spills may be cleaned by flushing with sufficient amount of water. Avoid ingestion and direct inhalation. (where air concentration is high, appropriate mask is suggested) and also avoid contact with eyes, skin and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention. Stacking should be maximum 1+1 drums.

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Product Name : **Galaxy PEG 7 Glyceryl Cocoate**  
Version : 04  
Date of issue : 11.11.2011  
TDS Updated by : Mr. Sanjay Joshi  
Authorised by : Mr. Milind Patil  
Ref. Doc. FGSM-IBC : 17.1.02

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