

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	: $\text{CH}_2\text{O}(\text{CH}_2\text{CH}_2\text{O})_x\text{COR}$ $\text{CHO}(\text{CH}_2\text{CH}_2\text{O})_y\text{H}$ $\text{CH}_2\text{O}(\text{CH}_2\text{CH}_2\text{O})_z\text{H}$ (RCO= C8-18, 18 unsaturated and 'x+y+z' = average 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)	: 6.0 - 8.0
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

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
- An emulsifier and solubiliser for essential oils
- 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 litres HMHDPE carboys. Total of 80 carboys i.e. 18.8 MT can be shipped palletized or non-palletized in 20 ft. full container load. It is available in 50 litres HMHDPE black jerry cans. Total of 270 jerry cans palletized i.e. 13.5 MT or 360 jerry cans non - palletized i.e. 18 MT can be shipped in 20 ft. full container load. It is available in IBC of 1 MT capacity. 18 IBC i.e. 18 MT can be shipped in 20 ft. full container load. 23 MT of Galaxy PEG 7 Glyceryl Cocoate can also be supplied in 25 MT ISO tanks

HANDLING AND STORAGE

Store the material in a clean, dry place at 25 - 35°C away from direct heat and sunlight. Keep the container tightly closed. On prolonged storage at < 10°C product becomes viscous and may appear as a soft transparent gel. If the product solidifies, it is recommended to heat the jacketed ISO tanks with hot water (55 - 60°C) or low pressure steam (< 2 kg / cm²) to bring the temperature 30 - 40°C. If the product becomes gel / frozen in IBC / HMHDPE carboys / jerry cans, then keep the same in hot room of 30 - 40°C. In original sealed containers, when stored as suggested, the shelf life of the product is two years. Once the carboy / IBC / jerry can is opened, use the product within a week. When taken in ISO tanks, it is recommended to transfer the material from ISO tanks to sanitized SS storage tank with hot water jacket and also recommended that material be consumed within one month's time, after unloading in storage tank. During storage, non-palletized carboys / jerry cans shall not be kept one above the other and for palletized, stacking should be maximum 1+1. During storage, IBC stacking should be maximum 1+1

Spill should be contained / collected and disposed off as per the regulations. Avoid ingestion, direct inhalation and contact with eyes, skin and clothing. In case of contact with eyes and skin, rinse immediately with plenty of water and seek medical attention, if necessary

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Product Name : **Galaxy PEG 7 Glyceryl Cocoate**
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TDS Updated by : PD / SY
Authorised by : BP

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