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**:
  \[
  \text{CH}_2(\text{OCH}_2\text{CH}_2)_x\text{OCOR} \\
  \text{CH}(\text{OCH}_2\text{CH}_2)_y\text{OH} \\
  \text{CH}_2(\text{OCH}_2\text{CH}_2)_z\text{OH}
  \]
  (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
- **Hydroxyll 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-fattening properties.

APPLICATIONS

**Galaxy PEG 7 Glyceryl Cocoate** finds applications in various industries. It is used for a 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-fattening 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\(^\circ\)C-35\(^\circ\)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.
The information contained herein is based on the data considered accurate. However, no warranty is expressed, or implied regarding the accuracy of this data or the result to be obtained from the use thereof. Galaxy assumes no responsibility for injury to the user, or third person proximately caused by the material, if reasonable safety procedures are not adhered to, as stipulated in the data sheet. Galaxy assumes no responsibility for injury to the user, or third person proximately caused by abnormal use of the material, even if reasonable safety procedures are followed. Further, user assumes the risk in his use of the material.