Galaxy CAPB SB

Product Name

DESCRIPTION

Chemical Name: Cocoamidopropyl Betaine
INCI Name: Cocamidopropyl Betaine
CAS Number: 61789-40-0
EINECS Number: 263-058-8

Chemical Structure:

\[ R^+H_NO_NCH_3COO^ - \]

(RCO=C_{12-18} natural)

TECHNICAL SPECIFICATIONS

Appearance/nature: Clear liquid

Colour:
- a) description: Colourless to pale yellow
- b) on Lovibond (1" cell, on Y+5R), maximum: 2.5

Odour: Characteristic

pH (5 % aqueous solution): 4 - 6

Active matter, % by mass (Mol.wt. 360): 29 - 31

Chloride, % by mass as NaCl, maximum: 6

Free amido amine, % by mass, maximum: 0.5

Free fatty acid, % by mass, maximum: 0.5

Solid content (105°C, 2 hrs) % by mass, minimum: 36

Water content, % by mass: 62 – 65

Specific Gravity (at 20°C): 1.045 – 1.065

Microbial count, TVC, cfu/ml: < 10

Microbial count, Y/M, cfu/ml: < 10
Galaxy CAPB SB is an amphoteric surfactant, zwitterionic in nature. It has excellent foaming capability and the foam formed is fine and stable. It is biodegradable.

**Note:** The product contains Sodium Benzoate as a preservative (0.45 % – 0.55 %).

**APPLICATIONS**

*Galaxy CAPB SB* is most widely used in Personal Care and Home Care products such as:

- In hair care products viz. shampoos, conditioners, etc. where *Galaxy CAPB SB* also provides conditioning property to the formulation. It is substantive to hair. It reduces static charge build-up on hair, prevents hair from “fly-away” effect and imparts good styling characteristics to hair
- In bath and body-care products like liquid soaps, body wash, shower gels, bubble baths and baby-care products
- In deodorant compositions, after shave lotions
- In detergents *Galaxy CAPB SB* is recommended for usage due to its excellent wash and soil suspending power and good tolerance towards high level of detergent builders, electrolytes, alkalis and acids
In combination with Fatty Alcohol Sulfates / Fatty Alcohol Ether Sulfates, it shows synergistic properties building up the viscosity of the formulation.

**PACKING**

**Galaxy CAPB SB** is available in HMHDPE carboys of 235 kg net wt. Total of 80 carboys i.e. 18.8 MT can be shipped in a full 20 ft. container load. It is also supplied in flexi bags with capacity of 22 MT.

**HANDLING AND STORAGE**

Store in a clean, dry area. Keep the containers tightly closed. Store at 20° - 35°C. In the original sealed containers and kept at suggested storage conditions, the product can be stored for at least 1 year. Spills should be contained / collected and disposed off as per the regulations. Avoid ingestion, contact with eyes and prolonged contact with skin and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention. Stacking should be maximum 1+1 carboys.

Product Name : **Galaxy CAPB SB**
Version : 06
Date of issue : 13.01.2012
TDS prepared by : Ms. Avila D'Souza
Authorised by : Mr. Kishor Ingale

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 safety 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.