

TECHNICAL DATA SHEET**Product Name****Galaxy 600****DESCRIPTION**

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| Chemical Name | : Ethylene Glycol Monostearate |
| INCI Name | : Glycol Stearate |
| CAS Number | : 91031-31-1 |
| EINECS Number | : 292-932-1 |
| Chemical Formula | : R-COOCH ₂ CH ₂ OH (RCO = C ₁₆₋₁₈ natural) |

TECHNICAL SPECIFICATIONS

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| Appearance/ nature | : Soft flakes |
| Odour | : Characteristic |
| Colour | |
| a) description | : Off white/white with slight yellow tint |
| b) on Lovibond (5 ¼ " cell, on Y+R), maximum (in 25% solution of chloroform) | : 5 |
| Saponification value, mgs of KOH per gm | : 170 - 190 |
| Hydroxyl value, mgs of KOH per gm, maximum | : 160 |
| Acid value, mgs KOH per gm, maximum | : 4 |
| Iodine value, gms of I ₂ per 100 gms, maximum | : 3 |
| Melting Point, °C | : 56 - 60 |

APPLICATIONS

Galaxy 600 is mainly used:

- As a opacifying and pearling agent in shampoos, liquid soaps, bath and shower gels, bubble bath, cold creams, cleansing lotions and body wash

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- As a secondary emulsifier in creams, lotions and conditioners

PACKING

Galaxy 600 is available in 25 kg HDPE liner bags. Total of 500 bags i.e., 12.5 MT in palletized or non-palletized form can be shipped in 20 ft. full container load.

HANDLING AND STORAGE

Store in a clean, dry area. Keep bags tightly closed. Store the material at 20⁰-30⁰ C. In original, sealed containers and kept at suggested storage conditions, the product can be stored for at least 1 year. Spills should 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. Do not stack more than 8 bags one above the other to avoid lumping.

Product Name : **Galaxy 600**
Version : 02
Date of issue : 19.5.2010
TDS Updated by : Mr. Sanjay Joshi
Authorised by : Mr. Milind Patil
Ref. Doc. FGSM-IBC : 5.1.01

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