

**TECHNICAL DATA SHEET****Product Name****Galaxy MW 253****DESCRIPTION**

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| Chemical Name | : Fatty Alcohol Ethoxylate |
| INCI Name | : Laureth-3 |
| CAS Number | : 68439-50-9 |
| EINECS Number | : Polymer |
| Chemical Formula | : R-O-(CH ₂ CH ₂ O) ₃ H (R = C ₁₂₋₁₄ natural) |

TECHNICAL SPECIFICATIONS

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| Appearance/nature | : Clear low viscous liquid |
| Odour | : Characteristic |
| Colour | |
| a) description | : Colourless to pale yellow |
| b) on APHA (at 35 ⁰ C), maximum | : 25 |
| pH (1% aqueous solution) | : 6 – 8.5 |
| Moisture content, % by mass, maximum | : 0.3 |
| Hydroxyl Value, mgs of KOH per gm | : 165 – 175 |
| PEG content, % by mass, maximum | : 1 |
| Cloud point, ⁰ C | : 2 - 6 |
| Specific gravity at 20 ⁰ C | : 0.924 – 0.935 |

PROPERTIES

Galaxy MW 253 is a non-ionic surface active agent derived from natural fatty alcohols.

APPLICATIONS

Galaxy MW 253 can be used as a viscosity booster in personal care preparations like shampoos, foam baths and bubble baths. It can be also used as an intermediate for synthesis of anionic surfactants.

PACKING

Galaxy MW 253 is available in 210 kg HM-HDPE drums. Total of 80 drums i.e. 16.8 MT can be shipped in either palletized or non-palletized 20 ft. full container load. **Galaxy MW 253** can also be shipped in ISO containers and in IBCs.

HANDLING AND STORAGE

Store the material in a clean, dry area. Keep drums tightly closed after use, since the product is hygroscopic in nature. In original, sealed containers and kept at suggested storage conditions, the product can be stored for at least 2 years. Spills should be collected and disposed off according to the local regulations and the area may be cleaned by flushing with sufficient amount of water. Avoid ingestion and contact with eyes, skin and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention. If stored at $< 30^{\circ}\text{C}$ for prolonged time, the material becomes hazy, semi-solid. To bring back the material to its original state, warm the drums to around 50°C (avoiding direct heating) for 3-4 hours. Stacking should be maximum 1+1 drums.

Galaxy MW 253

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Product Name : **Galaxy MW 253**
Version : 03
Date of issue : 2.05.2011
TDS Updated by : Mr. Sanjay Joshi
Authorised by : Mr. Kishor Ingale
Ref. Doc. FGSM-IBC : 4.3.01

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