

**TECHNICAL DATA SHEET****Product Name****Galaxy MW 259****DESCRIPTION**

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

**TECHNICAL SPECIFICATIONS**

|   |                              |
|---|------------------------------|
| Appearance/nature                                     | : Clear liquid to semi solid |
| Odour   | : Characteristic             |
| Colour  |                              |
| a) description  | : Colourless to pale yellow  |
| b) on APHA (at 35 <sup>0</sup> C), maximum            | : 25                         |
| pH (1% aqueous solution)                              | : 7 - 9                      |
| Moisture content, % by mass, maximum                  | : 0.3                        |
| Hydroxyl Value, mgs of KOH per gm                     | : 91 – 98                    |
| PEG content, % by mass, maximum                       | : 3                          |
| Cloud point (1 % solution in 5% NaCl), <sup>0</sup> C | : 62 – 64                    |
| Specific gravity at 35 <sup>0</sup> C                 | : 0.995 – 1.005              |
| Solubility (5% solution in distilled water)           | : completely soluble         |

## **PROPERTIES**

**Galaxy MW 259** is a non-ionic surface active agent derived from natural fatty alcohols. It exhibits good wetting, emulsifying, detergent and low foaming properties.

## **APPLICATIONS**

**Galaxy MW 259** can be used as:

- Basic surfactant for liquid detergents, manual and machine dish washes, household cleaners, metal cleaners and hand cleaners
- Emulsifier and in formulating emulsifier blends
- Wetting agents, dispersants, stabilizers, sanitizers and defoaming agents
- An intermediate for synthesis of anionic surfactants

## **PACKING**

**Galaxy MW 259** is available in 225 kg HM-HDPE drums. Total of 80 drums i.e. 18 MT can be shipped in either palletized or non-palletized 20 ft. full container load. **Galaxy MW 259** 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°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.

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Product Name : **Galaxy MW 259**  
Version : 02  
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TDS Updated by : Mr. Sanjay Joshi  
Authorised by : Mr. Kishor Ingale  
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