

**TECHNICAL DATA SHEET****Product Name****Galaxy MW 257****DESCRIPTION**

Chemical Name	: Fatty Alcohol Ethoxylate
INCI Name	: Laureth-7
CAS Number	: 68439-50-9
EINECS Number	: Polymer
Chemical Formula	: R-O-(CH <sub>2</sub> CH <sub>2</sub> O) <sub>7</sub> H (R = C <sub>12-14</sub> natural)

**TECHNICAL SPECIFICATIONS**

Appearance/nature	: Clear to hazy liquid
Odour	: Characteristic
Colour	
a) description	: Colourless to pale yellow
b) on APHA (at 35 <sup>0</sup> C), maximum	: 25
pH (1 % aqueous solution)	: 6 – 8.5
Moisture content, % by mass, maximum	: 0.3
PEG content, % by mass, maximum	: 3
Hydroxyl Value, mgs of KOH per gm	: 107 – 115
Cloud point, (1% solution in 5% NaCl) <sup>0</sup> C	: 41- 43
Specific gravity at 35 <sup>0</sup> C	: 0.980 – 0.995
Solubility (5 % in distilled water)	: Completely soluble

## **PROPERTIES**

**Galaxy MW 257** 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 257** 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 257** is available in 220 kg HM-HDPE drums. Total of 80 drums i.e. 17.6 MT can be shipped in either palletized or non-palletized 20 ft. full container load. **Galaxy MW 257** 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<sup>0</sup>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<sup>0</sup>C (avoiding direct heating) for 3-4 hours. Stacking should be maximum 1+1 drums.

**TECHNICAL DATA SHEET**

Product Name : **Galaxy MW 257**  
Version : 03  
Date of issue : 4.5.2011  
TDS Updated by : Mr. Sanjay Joshi  
Authorised by : Mr. Kishor Ingale  
Ref. Doc. FGSM-IBC : 4.4.01

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.