

## Glyceryl Monostearate

### Section 1: Description

GMS(GLYCERYL MONOSTEARATE) is granular solid form which is specifically designed for application of emulsifier, plastic anti-static agent in PE, PP and PVC.

CAS No. / 31566-31-1

Molecular formula/ C<sub>21</sub>H<sub>42</sub>O<sub>4</sub> MW / 358.56

### Section 2: Technical specifications

Specification	Unit	Standard
Total Monoglyceride	%	40
Iodine	gI <sub>2</sub> /100g	≅ 3
Drop Point	°C	55-60
Acid number (titrate with KOH)	mg	≅ 3
ASH number	%	≅ 0.1
Density	g/cm <sup>3</sup>	0.97

### Section 3: Application

Main application in plastics

PVC- Internal lubricant, Antistatic agent

PP- Antistatic agent.

PE- Antistatic agent

### Section 4: Packing and Storage:

25kg/ Woven bag.

It should be stored in cool and dry surroundings with shelf life of two years, it can be still used if qualified by inspection after shelf life.