



MPL Products
26 Baddesley Way
Canning Vale, Western Australia
Australia, Post Code – 6155
ph: +61421837661
email: mplexim61@gmail.com

Methyl 12-Hydroxystearate Product Data Sheet

GENERAL INFORMATION

Methyl 12-hydroxystearate is a waxy solid supplied as soft white flakes. Methyl 12-hydroxy stearate is won by direct esterification of 12-Hydroxy stearic acid with methanol. It is used in the continuous grease process. It is also used in textile ancillary, cosmetics and paper industry. Its functions as an internal lubricant and processing aid for butyl and EPDM rubber. It is resistant to oxidation, oil and water. It has excellent pigment wetting characteristics and is compatible with most natural waxes

SPECIFIC PROPERTIES

| | | |
|----------------------|----------|-----------------|
| Composition | | 85 % Ricinoleic |
| Appearance | | White Flaks |
| Color | Gardner | 3 max |
| Acid Number | mgKOH/g | 10 max |
| Iodine Value | | 5 max |
| Saponification Value | mg KOH/g | 175-182 |
| Hydroxyl Value | mg KOH/g | 155 min |
| Melting Point | Deg C | 45-54 |
| Moisture | % | 0.5 max |

ADVANTAGES AND APPLICATIONS

- ❖ Lipsticks
- ❖ Lubricants
- ❖ Hydraulic Fluids.

SHELF LIFE

Best Before 2 Years From mfg.

PACKAGING

Iso Tank, 25 Kg Paper Bag, 500 kg Jumbo Bag