



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

## 12-Hydroxy Stearic Acid (12-HSA) Product Data Sheet

### **GENERAL INFORMATION**

12-Hydroxy stearic acid is a saturated hydroxy fatty acid. It's a waxy, odourless, tasteless and cream coloured compound in flakes / powder. This C18 fatty acid flake primarily used in the lubricant, cosmetics and chemical manufacturing industries.

### **SPECIFIC PROPERTIES**

|                      |          |                |
|----------------------|----------|----------------|
| Composition          |          | 85 % 12 HSA    |
| Appearance           |          | Creamish Flaks |
| Color                | Gardner  | 5 max          |
| Acid Number          | mgKOH/g  | 175 min        |
| Iodine Value         |          | 4 max          |
| Saponification Value | mg KOH/g | 180-190        |
| Hydroxyl Value       | mg KOH/g | 155 min        |
| Melting Point        | Deg C    | 72 min         |
| Moisture             | %        | 1 max          |

### **ADVANTAGES AND APPLICATIONS**

- ❖ Lubricants
- ❖ Heavy duty automotive Greases.
- ❖ Fuel Additives.
- ❖ Cosmetics,
- ❖ Rubber additives.

### **PACKAGING**

1200 kg Jumbo bag, 1000 Kg Jumbo bag, 650 kg Jumbo bag, 500 kg Jumbo, 25 kg Paper & Stan bag.

### **SHELF LIFE :**

2 Years From Mfg.