

# B. OLEO CHEMICALS

## (FATTY ACIDS)

### LIST OF PRODUCTS

1. STEARIC ACID - SP
2. STEARIC ACID - DP
3. STEARIC ACID – TPS
4. GLYCERINE
5. DISTILLED FATTY ACID
6. CRUDE FATTY ACID



Nimir Industrial Chemicals Limited

## STEARIC ACID - SP

## SINGLE PRESSED

### Product Data:

Colour	White – Faintly Yellow
Appearance	Small Flakes
Formula	C17 H 35 COOH
Iodine Value	6.0 – 9.0
Molecular Weight	284.47
Melting Point	56° - 57°C
Specific Gravity	0.86
Colour Red 51/4" Lovi Bond	0.5-1.0
Acid Value	206-209
Saponification Value	207 – 210
Packing	25 Kg/Bag

### Applications:

Stearic Acid – SP is used in the following industries:

- i. Candles Industry
- ii. Tyre & Rubber Industry
- iii. Lubricating Greases Industry



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## STEARIC ACID - DP      DOUBLE PRESSED

### Product Data:

Colour	White
Appearance	Small Flakes
Formula	C17 H 35 COOH
Iodine Value	3.0 – 6.0
Molecular Weight	284.47
Melting Point	56° - 57°C
Specific Gravity	0.86
Colour Red 51/4" Lovi Bond	0.5-1.0
Acid Value	206-209
Saponification Value	207 – 210
Packing	25 Kg/Bag

### Applications:

- i. Tyre & Rubber Industry
- ii. PVC Industry
- iii. Candle Industry
- iv. Water Proofing Industry
- v. Pharmaceutical Industry
- vi. Commercial & Military Explosive Industry
- vii. Lubricating Greases Industry

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## STEARIC ACID - TPS

TRIPPLE PRESSED  
SPECIAL

### Product Data:

Colour	White
Appearance	Small Flakes
Formula	C17 H 35 COOH
Iodine Value	Less than one
Molecular Weight	284.47
Melting Point	65° - 70°C
Specific Gravity	0.86
Colour Red 51/4" Lovi Bond	0.5-1.0
Acid Value	206-209
Saponification Value	207 – 210
Packing	25 Kg/Bag

### Applications:

- i. Pharmaceutical Industry
- ii. Cosmetic Industry
- iii. Textile Industry (Fabric softener)
- iv. Manufacturing of Stearates



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## GLYCERINE

**B.P. 99%**  
**D.G. 99%**

### Product Data:

Colour	Colourless
Appearance	Viscous Free Flowing Liquid
Formula	CH <sub>2</sub> OH.CHOH. CH <sub>2</sub> OH
Molecular Weight	92.09
Taste	Sweet Burning Taste
Assay	98 – 99%
Specific Gravity	1.255 – 1.260
Boiling Point	More than 250°
Refractive Index	1.471 – 1.474
Neutrality	20% Solution neutral to litmus
Ash	0.02% maximum
Packing	250 Kg/Drum

### Applications:

- i. Pharmaceutical Industry
- ii. Cosmetic Industry
- iii. Toilet Soap Industry
- iv. Resins/Paints Industry
- v. Commercial & Military Explosive Industry



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## DISTILLED FATTY ACID

DFA

### Product Specifications:

Colour	-1
Free Fatty Acid	99.0%
Iodine Value	37 – 38
Melting Point	48°C - 50°C
Moisture	0.05 %
Packing	Tanker/Drum

### Process:

DFA is processed without mixing of any chemicals.

### Applications:

- Toilet and Laundry Soaps
- Cosmetics
- Textile Sizing

### Advantages:

- Consistent in Quality
- Odorless Product
- Give 10 – 15% extra yield due to higher net FFA percentage in comparison with Tallow