



ARUNIMA
FLAVOURS

CASTOR OIL *Ricinus communis*

SPECIFICATION DATA SHEET

| | |
|---------------|-----------|
| CAS NUMBER | 8001-79-4 |
| FEMA NUMBER | 2263 |
| EINECS NUMBER | 232-293-8 |
| PRODUCT CODE | AFC004003 |



ODOUR

Very distinct odour

OLFACTIVE DESCRIPTION

It is a vegetable oil pressed from castor beans, contain a toxic enzyme called ricin

RECOMMENDED USES

Used in pharmaceuticals, perfumes, paints, dyes, nylon, etc

COMMON NAME

Castor Bean Oil

PACKAGING AND STABILITY

Store in a dry, well ventilated area in sealed drums, protected from sunlight ; shelf life 24 months.

PHYSICO - CHEMICAL PROPERTIES

| | |
|----------------------|--|
| ORIGIN | India |
| APPEARANCE | Colourless to slightly yellow viscous liquid |
| PART USED | Seeds |
| SPECIFIC GRAVITY | 0.954-0.960 @ 20° C |
| EXTRACTION METHOD | Cold Pressed |
| SOLUBILITY | Soluble in cosmetic esters and fixed oils |
| REFRACTIVE INDEX | 1.477-1.481 @ 20° C |
| SAPONIFICATION VALUE | 177-185 mgKOH/g |

| FATTY ACIDS | COMPOSITION |
|---------------------------------|-------------|
| Palmitic Acid C16:0 | 0.5 - 1 % |
| Stearic Acid C-18:0 | 0.5 - 1 % |
| Oleic Acid C18:1 (n-9) | 2 - 6 % |
| Ricinoleic Acid | 85 - 95 % |
| Linoleic Acid C18:2 (n-6) | 1 - 5 % |
| Alpha-Linoleic Acid C18:3 (n-3) | 0.5 - 1 % |

DISCLAIMER

We believe the above information to be correct but we do not present it as all inclusive and as such should be used as a guide. It is the sole responsibility of the receiver of our product to must exercise their independent judgement in determining its suitability for a particular purpose. Since many factors affect the processing & application of our product, user should carry out their own tests before any particular application.