



**PRODUCT SPECIFICATION**

**PRODUCT** : **MASESTER E6000**  
**Glycerol Tricaprylate/ Caprate**

**PRODUCT DESCRIPTION** : MASESTER E6000 is manufactured by reacting fractionated fatty acids (mainly caprylic and capric acids) with refined glycerine; both raw materials derived from palm-based oils.

**INCI NAME** : Caprylic/Capric Triglyceride

**CAS NO.** : 65381-09-1/ 73398-61-5

**EINECS NO.** : 265-724-3/ 277-452-2

PARAMETERS	SPECIFICATION <i>Test method available upon request</i>
Appearance	Colourless or slightly yellowish oily liquid
Colour, APHA	50 MAX
Acid Value, mgKOH/g	0.1 MAX
Saponification Value, mgKOH/g	325 – 345
Hydroxyl Value, mgKOH/g	5 MAX
Iodine Value, gI <sub>2</sub> /100g	0.5 MAX
Peroxide Value, meq/kg	1 MAX
Moisture, %	0.15 MAX
Relative Density at 20°C	0.93 – 0.96
Refractive Index at 20°C	1.440 – 1.452
Viscosity at 20°C, mPas	25 – 33
Alkaline Impurities, ml	0.15 MAX
<b>Fatty Acid Composition, %</b>	
C8	55 – 65
C10	35 – 45
Others	2 MAX
<b>Periodic Testing Parameter*</b>	
Unsaponifiable Matter, %	0.5 MAX
Total Ash, %	0.1 MAX
Heavy metals (as Pb), ppm	10 MAX
Arsenic, ppm	0.1 MAX
Chromium, ppm	0.05 MAX
Copper, ppm	0.1 MAX
Lead, ppm	0.1 MAX
Nickel, ppm	0.1 MAX
Tin, ppm	0.1 MAX

\* not reported on COA

**TYPICAL APPLICATIONS** : MASESTER E6000 is used in nutrition diets, as meal replacement, as a quick source of energy; as a food supplement; for weight control; as cloudifier in fruit juices and soft drinks. In cosmetics, MASESTER E6000 is used as an emollient.

**SHELF LIFE** : 2 Years to Re-test from the date of manufacture

**STORAGE CONDITION** : i. The product must be stored in manufacturer's original sealed container.  
ii. The product must be stored in a sheltered and well-ventilated warehouse; not exposed to moisture and direct sunlight

**STANDARD PACKAGING** : Isotank; 190 kg phenolic epoxy coated metal drums ; 950 kg IBC plastic totes

The above product complies to USP/NF, EP and BP specifications

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Document No. : E6000(A)	Revision No. : 1.07	Date of Issue : 18 June 2018
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MM reference : -

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