

**PRODUCT SPECIFICATION**

<b>PRODUCT</b>	<b>: MASESTER E6000</b> <b>Glycerol Tricaprylate/ Caprate</b>
<b>PRODUCT DESCRIPTION</b>	: 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.
<b>INCI NAME</b>	: Caprylic/Capric Triglyceride
<b>CAS NO.</b>	: 65381-09-1 or 73398-61-5
<b>EINECS NO.</b>	: 265-724-3 or 277-452-2

<b>PARAMETERS</b>	<b>SPECIFICATION</b> <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
Fatty Acid Composition, %	
C8	55 – 65
C10	35 – 45
Others	2 MAX
<b><u>Periodic Testing Parameter*</u></b>	
Unsaponifiable Matter, %	0.5 MAX
Total Ash, %	0.1 MAX
Heavy metals (as Pb), ppm	10 MAX
Arsenic (as As), ppm	0.1 MAX
Chromium (as Cr), ppm	0.05 MAX
Copper (as Cu), ppm	0.1 MAX
Lead (as Pb), ppm	0.1 MAX
Nickel (as Ni), ppm	0.1 MAX
Tin (as Sn), ppm	0.1 MAX

\* not reported on COA

<b>SHELF LIFE</b>	: 3 Years
<b>STORAGE CONDITION</b>	: i. The product should be store in manufacturer's original sealed container. ii. The product should be store in a sheltered and well-ventilated warehouse; not exposed to moisture and direct sunlight
<b>STANDARD PACKAGING</b>	: Isotank; 190 kg phenolic epoxy coated metal drums ; 950 kg IBC plastic totes

The above product meets USP/NF, EP and BP specifications

**Disclaimer**

The information on product specification provided herein is only binding to extent confirmed by Musim Mas in a written Sales Agreement. MUSIM MAS EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR THE SUITABILITY OF THE PRODUCTS FOR ANY SPECIFIC OR PARTICULAR PURPOSES INTENDED BY THE USER. Suggestions for the use and typical application of the products are given for information purposes only and without commitment. Such suggestions do not release Musim Mas customers from testing the products as to their suitability for the customer's intended processes and purposes. Musim Mas does not assume any liability or risk involved in the use of its products as the conditions of use are beyond its control. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties.

Document No. : E6000(A)	Revision No. : 3.00	Date of Issue : 26 January 2023
-------------------------	---------------------	---------------------------------

MM reference : -

**UNCONTROLLED-E**