

## TECHNICAL DATA SHEET

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Item Name : TAGETES OIL EGYPTIAN

Version : 01

CAS #	8016-84-0 <sup>1</sup>
FEMA #	3040
EINECS #	294-862-7
BOTANICAL NAME	<i>Tagetes minuta</i> L.
Product Description	A yellow orange to red orange liquid with herbaceous, rancid, unpleasant and powerful odour
Origin	Obtained by steam distillation from flower of <i>Tagetes minuta</i>

### PHYSICO-CHEMICAL PROPERTIES:

Appearance	Yellow orange to red orange
Physical Status	Liquid
Flash Point (Closed cup) °C	59°C
Refractive Index	1.474 – 1.511 @ 20°C
Relative Density	0.858 – 0.922 @ 20°C
Optical Rotation	N/A
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Assay by GC/MS (%)	Alpha-Pinene      Myrcene      Linalool Beta-Pinene      Limonene      Dihydrotagetone Beta-Ocimene      Tagetone      alpha-Phallendrene

Shelf Life	12 months with proper storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases & all oxidizing agents.

**HANDLING PRECAUTION**      Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.

**PACKING & STORAGE**      Should be stored in cool, dry, well ventilated places in full, tightly sealed containers. Protected from light & source of ignition. Packed in Aluminium, HDPE Food Grade Cans, MS Coated Drums, GI Drums. Avoid long contact with Iron, heat and light.

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1. United States National Library of Medicines (US)