TECHNICAL DATA SHEET

Document No. : TDS/FR1000/02  
Printed Date : 24/08/2013

Item Code : FR1000  
Date : 12/08/2013

Item Name : LEMON OIL WINTER  
Version : 01

CAS # : 8008-56-8
FEMA # : 2625
EINECS # : 284-515-8

BOTANICAL NAME : Citrus limon
Product Description : A yellow to green liquid with characteristic lemon odour
Origin : Obtained from the fresh fruit peel of Citrus limon

PHYSICO-CHEMICAL PROPERTIES:

Appearance : Yellow to green
Physical Status : Liquid
Flash Point (Closed cup) °C : 50°C
Refractive Index : 1.468 – 1.480 @ 20 ºC
Relative Density : 0.840 – 0.865 @ 20ºC
Optical Rotation : +57º to +65.6º
Solubility in Alcohol : 1:3 in 95% alcohol
Solubility in Water : Insoluble
Assay by GC/MS (%) : Limonene, α-Pinene, gamma-Terpinene, Citral, β-Pinene

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 Aluminum, 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)