



Essential Oil Exchange

Product: **10805**
Revision: **New**

Certificate of Analysis

Page: 1 of 2

Product Name	Latin Binomial	Country of Origin	SKU	Shelf Life
Hop Oil	Humulus lupulus	Hungary	10805	4 Years
Quality	Extraction Method	Flash Point	Parts Used	
100% Pure & Natural	Steam Distilled	147 F	Flower	

Analysis Value	Specification
COLOR : Light yellow	Light yellow to greenish yellow
ODOR DESCRIPTON : Characteristic of hops	Characteristic of hops
Specific Gravity : 0.868	0.825 to 0.926
Refractive Index : 1.489	1.470 to 1.494
Optical Rotation : -1.1	-2 to 2.5

Information	Identification
FEMA No.	NA
CAS No.	8007-04-3
Health	Slightly Hazardous
Flammability	Will ignite if moderately heated
Reactivity	Stable and not reactive with water

Information	Fire, Explosion and Reactivity
Flash Point	147 F
Extinguishing Media	CO2 – Yes / FOAM – Yes / DRY – Yes
Stability	Stable
Fire Fighting	Cool containers exposed to fire with water
Hazardous Combustible Decomposition Products	Forms carbon monoxide and/or dioxide upon burning

Information	Physical Data
Color and Odor	Light yellow to greenish yellow with an aroma characteristic of hop flowers
Vapor Pressure	20 C



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Page: 2 of 2

Water Solubility

Non-miscible

Information	Protection Data
Respiratory	Avoid casual breathing
Ventilation	Local explosion proof exhaust recommended
Skin	Wear impermeable gloves
Eye	Goggles giving complete protection to eyes / eyewash bottle with clean water
Other	Do not eat, drink or smoke while handling / Avoid contact with eyes

Information	Emergency First Aid
Inhalation	Seek fresh air / Consult doctor if there is any difficulty breathing
Eye Contact	Wash eyes immediately and abundantly with clean running water at low pressure
Skin Contact	Remove contaminated clothing / Wash skin with soap and water
Ingestion	Rinse mouth / Drink water to dilute / Consult doctor / Do not induce vomiting

Information	Handling and Disposal
Handling and Shipping	Store in tightly sealed container in a cool, dry place away from sources of heat
Waste Disposal	Follow any federal, state or local laws / Do not dispose of in sewer

Disclaimer: The test results listed are accurate to the best of our knowledge based upon reputable labs and their testing methods. These results should not be used as a final determination for use in a finished product. According to GMP regulations, the specifications, test methods, and test results may be independently qualified by the purchasing party. The appropriate use of this product is the sole responsibility of the user and/or the purchasing party.

