



# Essential Oil Exchange

Product: **11608**  
Revision: **New**

## Certificate of Analysis

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Product Name	Latin Binomial	Country of Origin	SKU	Shelf Life
Pine Needle Oil	Abies sibirica	Bulgaria	11608	5 Years
Quality	Extraction Method	Flash Point	Parts Used	
100% Pure & Natural	Steam Distilled	106 F	Needle	

Analysis Value	Specification
COLOR : Light yellow	Light yellow
ODOR DESCRIPTON : Characteristic of linalool	Characteristic of linalool
Refractive Index: 1.4765	Conforms to standard
Optical Rotation : -5.98	Conforms to standard
Relative Density : 0.867	Conforms to standard
Bornylacetate : 1.1	Conforms to standard
Alpha pinene : 9.96	Conforms to standard

Information	Identification
FEMA No.	NA
CAS No.	8021-29-2
Health	Hazardous
Flammability	Will ignite at most ambient conditions
Reactivity	Stable and not reactive with water

Information	Fire, Explosion and Reactivity
Flash Point	106 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
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Color and Odor	Pale yellow with a characteristic pine aroma
Vapor Pressure	NA
Water Solubility	Insoluble

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

Information	Emergency First Aid
Inhalation	Seek fresh air / Consult doctor if necessary
Eye Contact	Wash eyes immediately and abundantly with clean running water at low pressure / Consult doctor if irritation persists
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.