



Essential Oil Exchange

Product: **10704**
Revision: **New**

Certificate of Analysis

Page: 1 of 2

| Product Name | Latin Binomial | Country of Origin | SKU | Shelf Life |
|---------------------|---------------------|-------------------|------------|------------|
| Ginger Oil | Zingiber officinale | China | 10704 | 2 Years |
| Quality | Extraction Method | Flash Point | Parts Used | |
| 100% Pure & Natural | Steam Distilled | 154 F | Rhizomes | |

| Analysis Value | Specification |
|--------------------------------------------|--------------------------|
| COLOR : Clear to light yellow | Clear to light yellow |
| ODOR DESCRIPTON : Characteristic of ginger | Characteristic of ginger |
| Refractive Index : 1.488 | 1.488 to 1.494 |
| Optical Rotation : -36.8 | -45 to -28 |
| Specific Gravity : 0.877 | 0.870 to 0.882 |

| Information | Identification |
|--------------|------------------------------------|
| FEMA No. | 2522 |
| CAS No. | 8007-08-7 |
| Health | Slightly Hazardous |
| Flammability | Will ignite if moderately heated |
| Reactivity | Stable and not reactive with water |

| Information | Fire, Explosion and Reactivity |
|----------------------------------------------|--------------------------------------------------------------------------------------|
| Flash Point | 154 F |
| Extinguishing Media | FOG-No / CO2 – Yes / FOAM – Yes / DRY – Yes |
| Stability | Stable |
| Fire Fighting | Cool containers exposed to fire with water / Do not use water directly on flame |
| Hazardous Combustible Decomposition Products | Forms unidentified organic compounds and carbon monoxide and/or dioxide upon burning |

| Information | Physical Data |
|----------------|---------------------------------------------------------------------------------|
| Color and Odor | Light yellow to clear yellow liquid with a spicy aroma characteristic of ginger |



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Page: 2 of 2

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|------------------|-----------|
| Vapor Pressure | NA |
| Water Solubility | Insoluble |

| Information | Protection Data |
|-------------|-------------------------------------------------------------------------------------------|
| Respiratory | Avoid casual breathing / Material is rated toxic by inhalation if used in a confined area |
| 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 / Contact a doctor if necessary |
| 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 / Consult doctor or poison control immediately |

| Information | Handling and Disposal |
|-----------------------|-------------------------------------------------------------------------------|
| Handling and Shipping | Store in tightly sealed container in a cool, dry place away from heat sources |
| 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.

