



TECHNICAL DATA SHEET – BALSAM FIR ESSENTIAL OIL

Product Identification

Description: Balsam Fir Essential Oil
Part: Twigs and Needles
Chemical Identification: Fir Needle, *Abies balsamea*, oil
Botanical name: *Abies balsamea*
Purity: 100% pure and natural
Country of Origin: Canada
CAS Number: 8021-28-1

Organoleptic Properties

Property	Specification
Aspect	Liquid
Colour	Clear light yellow to greenish
Odour	Balsamic, woody

Chemical and Physical Properties

Property	Specification
Shelf life	2 Years
Specific gravity	0.87-0.88
Refractive index	1.470-1.500
Flash point	43 °C

Main Components

Component	CAS	Specification
α -pinene	80-56-8	14-21%
Camphene	79-92-5	4-7%
β -pinene	127-91-3	28-38%
Limonene	5989-27-5	10-20%
Bornyl Acetate	76-49-3	3-10%

Handling and Storage

Keep in a cool, dark location, out of direct sunlight. Keep out of reach of children and pets. DO NOT INGEST. External use only.