

SPECIFICATION

Product Name: Bhimseni Camphor Flakes
Chemical Formula: C ₁₀ H ₁₈ O
CAS Number: 124-76-5
Molecular Weight: 154.25 g/mol
Appearance: White crystals or flakes
Odor: White colored with iso borneol like odor

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min/Max)
NAFTA H#	-	2906.19.5000	2906.19.5000
EINECS #	-	204-712-4	204-712-4
Melting Point	°C	212.2°C	200°C - 214°C @760.00 mm
Boiling Point	°C	213.5°C	212.00 – 214.00°C @760.00mm
Soluble in	-	Complies	Ethyl alcohol 1 gm. In 2 ml. 70% alcohol
Occurrence	-	Nature identical (Abies sibirica; chemaeciporis formosensis roots)	Abies sibirica; chemaeciporis formosensis roots
Purity by gc	%	92.56%	Min. 90.0%

Physical Properties

- Solubility: Very slightly soluble in water. Freely soluble in alcohol (ethanol). Soluble in organic solvents such as ether, chloroform, benzene, and oils.

Shelf Life & Storage

- Shelf Life: 5 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed, airtight container. Keep in a cool, dry, and well-ventilated place. Protect from heat and direct sunlight. Keep away from sources of ignition (camphor is volatile and flammable). Store separately from strong oxidizing agents.

Applications

- Use: Widely used in pooja and aarti rituals. Burns without residue, symbolizing purity. Used in balms, ointments, and vapor rubs for relief from cough, cold, and congestion. Provides mild analgesic effect for muscle and joint pain. Used in inhalation therapy for respiratory comfort. Acts as a natural decongestant and air purifier. Used in diffusers for a refreshing and calming effect.
- Dosage: Depends on application method, concentration, and user safety factors.

Packaging

- Standard Packing: 25 kg Fiber Drum, 1 kgs and 100 grams, or as per customer requirement.
- Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.