

Allyl caproate

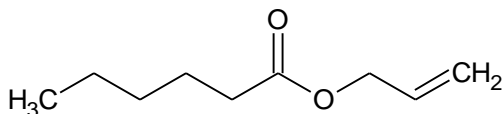
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Synonyms

Allyl hexanoate; Prop-2-en-1-yl hexanoate; 2-Propenyl n-hexanoate; Prop-2-enylhexanoate; Hexanoic acid 2-propenyl ester.

Chemical structure and identity



Molecular formula	C ₉ H ₁₆ O ₂
Molecular weight	156.22
CAS number	123-68-2
EINECS number	204-642-4
HS code	29159090
UN number	2810

Specifications

Appearance	Clear, colourless liquid
Purity (by GC)	98% minimum
Allyl alcohol	0.1% maximum
Odour	Sweet, fruity, pineapple like odour

Physical properties

Specific gravity	0.83 to 0.89 g/ml at 25°C
Refractive index	1.422 to 1.426 at 25°C
Boiling point	184°C to 186°C at 760 mm Hg

Description

Allyl caproate is a clear, colourless liquid.

Applications

Intermediate for fragrance, flavours and perfumery products

Packaging

Allyl caproate is available in 5 kg and 25 kg HDPE drums.

Shelf life

24 months from the date of manufacturing

Storage and handling

Keep containers tightly closed and store away from containers away from heat, direct sunlight and oxidising | acidic materials. Avoid contact with eyes, skin or clothing. Always refer to the Safety Data Sheet (SDS) for detailed information on storage and handling.

Safety

Use proper personal protective equipment (PPE). Wear tightly sealed goggles and protective gloves. Wash hands thoroughly after handling this product. Always refer to the SDS for detailed information on safety.

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First aid

Eye contact: Rinse eyes in open position for several minutes with plenty of water. Consult a physician immediately.

Skin contact: Wash the affected area thoroughly with soap and water. Remove clothing contaminated by the product. Consult a physician immediately.

Ingestion: Do not induce vomiting. Never giving anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician immediately.

Inhalation: Shift the affected person to fresh air. Consult a physician immediately.

Spills and disposal

In case of spillage and | or leakage, always shut-off all possible sources of ignition and absorb the spilled material carefully with suitable liquid-binding material (such as sand, diatomite, acid binders, universal binders or sawdust). Prevent generation of vapour or mist. Do not allow the spilled material to enter sewers, surface or groundwater. Dispose of the contents | container(s) in accordance with local, regional, national or international regulations | guidelines as applicable.

Contact

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