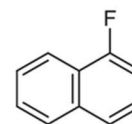




TECHNICAL DATA SHEET

Product name: 1- Fluoronaphthalene



Specifications

Parameters	Specifications	Typical results
Appearance	Light yellow to colourless liquid	Clear Colourless Liquid
Water content (By K.F)	NMT 0.2 % w/w	0.05%
Related Substances by GC	α-naphthol: NMT 0.15% Alpha Naphthyl amine: NMT 0.15% Any individual impurity: NMT 0.15% Total impurities: NMT 0.5%	0.03% ND ND 0.03%

General information

CAS No.	: 321-38-0
IUPAC Name	: 1-Fluoronaphthalene
Synonyms	: α-Fluoronaphthalene
EC No	: 206-287-0

<u>Physical/Chemical</u>	<u>properties</u>
Molecular Formula	: C ₁₀ H ₇ F
Molecular Weight	: 146.16
Density	: 1.1322
Flash Point	: 65 °C
Physical state at 20°C	: liquid

Stability and storage:

Store in a tightly closed container.
 Keep in a cool, dry, and well-ventilated area.
 Store away from incompatible materials, such as strong oxidizing agents.
 Maintain a constant temperature, ideally not exceeding 24°C (75°F).

Application Areas

1-Fluoronaphthalene is a valuable building block in synthesizing various organic compounds.
 It's frequently used in chemical research as a reagent, reference standard, or for calibrating instruments like the Sample Analysis at Mars (SAM) instrument suite.

Hazard classification & labelling

Single Word : Warning
 Pictogram:



Classification according to Regulation (EC) No 1272/2008: : H227, H315, H319,

Precautionary statement(s) : P261, P264, P280, P302 + P352, P305 + P351 + P338, and P332 + P313