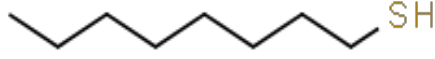

N-OCTYL MERCAPTAN (NOM)



IUPAC NAME: octane-1-thiol

CHEMICAL FORMULA: C₈H₁₈S

CAS NO: 111-88-6

MOLECULAR WEIGHT: 146.29 g/mol

PACKING:

PRODUCT DESCRIPTION:

N-Octyl Mercaptan serves as an antioxidant intermediate, effectively minimizing undesired effects during processes, such as tin stabilization. It can be employed to enhance charge injection by forming a monolayer of this substance on gold source-drain electrode surfaces for bottom-contact thin-film transistors.

PROPERTIES:

- Chain Transfer agent in polymerization to produce
- Antioxidant feed
- High purity
- A rigid system of quality control along with each production line guarantees high quality

IT IS APPLIED IN THE PRODUCTION OF:

- Pharmaceutical Additives
- Antioxidant Intermediates
- Polymer Modifiers
- Refineries
- steam-crackers
- aromatic extraction and petrochemical manufacturing
- PMMA and MMA end-products.
- Rubber industry


CHEMICAL PROPERTIES

PURITY	≥ 98.0
ACID CONTENT	
MOISTURE AMOUNT	
COLOUR (APHA)	
INHIBITOR	

PHYSICAL PROPERTIES

APPEARANCE	Water-white liquid
PHYSICAL STATE	Liquid
ODOR	Mild odor
DENSITY	0.8433 at 20 °C
BOILING POINT	200°C
FREEZING POINT	-49°C
FLASH POINT	69 °C (Open cup)
VAPOR PRESSURE	0.4245 mm Hg at 25 °C

SAFETY INFORMATION

HAZARD PICTOGRAM(S)	
HAZARD STATEMENT(S)	<p>H317 May cause an allergic skin reaction.</p> <p>H335 May cause respiratory irritation.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p>
PRECAUTIONARY STATEMENT(S)	<p>P261 Avoid breathing mist or vapours.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves.</p> <p>P302 + P352 IF ON SKIN: Wash with plenty of water.</p>
STORAGE CLASS	Storage class (TRGS 510): 10: Combustible liquids
STORAGE CONDITIONS	Tightly closed.
DISPOSAL	No information
TRANSPORT INFORMATION	<p>UN number</p> <ul style="list-style-type: none"> • ADR/RID: 3082 • IMDG: 3082 • IATA: 3334 <p>UN proper shipping name</p> <ul style="list-style-type: none"> • ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Octane-1-thiol) • IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Octane-1-thiol) • IATA: Aviation regulated liquid, n.o.s. (Octane-1-thiol) <p>Transport hazard class(es)</p>



AdaKem[®]
Kimya San. Ve Tic Ltd. Şti.

- ADR/RID: 9
- IMDG: 9
- IATA: 9

Packaging group

- ADR/RID: III
- IMDG: III
- IATA: III

Environmental hazards

- ADR/RID: yes
- IMDG Marine pollutant: yes
- IATA: no

For more information, check the SAFETY DATA SHEET or get contact with us.