

Isononanoic Acid

Consistent purity for high-performance formulations

Product Description

Isononanoic acid is a critical carboxylic acid intermediate. It is used in the production of polyol ester based synthetic lubricants for refrigeration or aviation. The high and consistent purity of the product provides precise and reliable attributes to the applications.

Isononanoic acid is also used as a corrosion inhibitor in industrial fluids and coolants; as a monomer in the synthesis of alkyd resins for stoving enamels and two-component paints.

Segment Applications

Polyol ester synthetic lubricants, Corrosion inhibitor in coolants, Alkyd resins, Paint driers, Acid chlorides

Delivery Forms

Liquid in bulk containers, 190 kg drums, 915 kg IBCs



The branched **Isononanoic Acid** from Perstorp is a high purity building block for formulations with specific performance requirements. As a base stock, it is used in engineered fluids of more environmental-friendly refrigerant technologies or top performing aviation turbine oils.

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Sales Specification

Characteristics	Unit	Specification	Analytical Method
Sum of nonanoic acids	%	Min. 99.0	GC
3,5,5-Trimethylhexanoic acid	%	Min. 97.5	GC
Water content	wt %	Max. 0.10	ASTM E 1064
Color	Hazen	Max. 15	ASTM 1209

Handling and Storage

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Keep in a dry, cool and well-ventilated place.

For more detail, please refer to Safety Data Sheet.

CAS No.: 3302-10-1
EC No: 221-975-0
HS No.: 2915 90

Effective date: March 01, 2022

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