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Product Specification Isononanoic acid CAS No. : 3302-10-1



Chemical name :	Isononanoic acid
chemical name :	3,5,5-trimethylhexanoic acid
Appearance :	light-coloured liquid
assay :	min 99 %
colour :	max 20 APHA
Moisture :	max 0,1 %
Density :	0,897-0,9
Packing :	drums / IBC

Einecs :	221-975-0
CAS No. :	3302-10-1
WGK :	1
Synonym :	3,5,5-trimethylhexansäure
General informations :	sparingly soluble in water (0.7 g/l, 20 °C) pH value 4.4 (0.1 g/l, 20 °C) boiling point 236 °C Melting range approx. -77 °C Flash point 117 °C

We, SysKem Chemie GmbH, fill isononanoic acid according to the preferences of our customers in individually requested containers and carry out regular quality controls according to our specifications in our laboratory.

Application :

Isononanoic acid, also known as isooctanoic acid, is used in various industrial applications:

Lubricants and lubricating oils: Isononanoic acid can be used as a raw material to produce lubricants and lubricating oils used in engines, gearboxes and industrial machinery.

Corrosion inhibitors: it can be included in corrosion inhibitors to protect metal parts from rust and other harmful effects.

Metalworking fluids: Isononanoic acid can be used as a component of metalworking fluids, which are used to facilitate the machining of metal parts and improve surface quality.

Paints and coatings: in the manufacture of paints, varnishes and coatings, isononanoic acid can be used as a binder or solvent.

Plastics: It can be used as a monomer or co-monomer in the production of certain plastics, such as polyurethanes.

Chemical intermediates: Isononanoic acid can be used as a starting material for the synthesis of various chemical compounds that are further processed in the chemical industry.

Flavors and fragrances: In the production of flavors and fragrances, isononanoic acid can serve as a base material.

Foaming agents: In some applications, isononanoic acid can be used as a foaming agent to produce foams.

It is important to note that the use of isononanoic acid may vary depending on the specific application and regulatory requirements.

Hazard Statements : Isononanoic acid is classified as a hazardous substance and is labeled accordingly.

Label : GHS05,
GHS07

Product categories : carbonic acid or carboxylic acid,

Version: 2024-04-17 13:19:31

This data is only for your information purposes and does not imply a guarantee for a certain application.

