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Product Specification Trimer fatty acids

CAS No. : 68937-90-6



Chemical name :	Trimer fatty acids
chemical name :	Fatty acids, C18-unsatd., trimers
Appearance :	amber liquid
assay :	Trimer fatty acids: min 60 %, typically 75-79 %.
other :	Dimer fatty acids: max 30 %, typically 20-25 %; monomers: max 5 %, typically 1-2 %.

Packing :	Drums, IBC, Tanker
Einecs :	500-239-5
CAS No. :	68937-90-6
Other :	Viscosity at 100 °C: approx. 300 cSt; acid value: 180-195 mg KOH/g
Synonym :	trimer fatty acid, 8-[1,8-bis(7-carboxyheptyl)-4,5-dihexyl-3-[(1E)-oct-1-en-1-yl]-1,2,3,4,4a,5,8,8 a-octahydronaphthalen-2-yl]octanoic acid, trimer acid
General informations :	Water solubility < 0.05 g/l (RT) soluble in oils/greases pH < 7 boiling range > 250 °C pour (freezing) point < 0 °C flash point 350 °C

SysKem Chemie GmbH offers individual filling services for trimer fatty acid to meet the requirements of our customers. At the same time, we carry out regular quality controls in our laboratory to ensure that our products meet our specifications.

Application :

Production of plastics: Trimer fatty acids can be used as raw materials for the production of biodegradable plastics and resins. These plastics are often used in packaging materials and in agriculture.

Lubricants: trimer fatty acids have excellent lubricating properties and are therefore used in the production of lubricants, especially greases and lubricating oils.

Printing inks: Trimer fatty acids are used in the printing ink industry as binders and resins to improve the quality and durability of printed products.

Soaps and detergents: They are sometimes used in the manufacture of soaps and detergents to improve consistency and cleaning properties.

Adhesives: Trimer fatty acids can serve as adhesion promoters and adhesive components to improve the adhesion of various materials.

Foaming agents: In some applications, trimer fatty acids serve as foaming agents to produce foams and other foamy materials.

Agricultural applications: In agriculture, trimer fatty acids can be used as adjuvants in crop protection products and fertilizers.

Product categories :

carbonic acid or carboxylic acid,

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