

## Tris (dimethylaminopropyl) hexahydrotriazine CAS 15875-13-5 triazine catalyst

### Overview:

Chinese name: Tris (dimethylaminopropyl) hexahydrotriazine, triazine catalyst

Alias: triazine catalyst, polyurethane triazine catalyst, tris(dimethylaminopropyl) hexahydrotriazine, hexahydrotriazine, CAS 15875-13-5

Molecular formula (Formula): C<sub>18</sub>H<sub>42</sub>N<sub>6</sub>

Molecular Weight (Molecular Weight): 342.0

CAS Number: 15875-13-5

Project indicator project indicator

Appearance colorless to light yellow liquid

Relative density@25°C 0.92 Viscosity@25°C, mPa.s 26~33

Freezing point, °C -59 Flash point (COC), °C 153

Physical and chemical properties

Triazine catalyst is a colorless to light yellow transparent liquid with a very weak odor or nearly odorless, easily soluble in water.

Relative density: 0.92-0.95

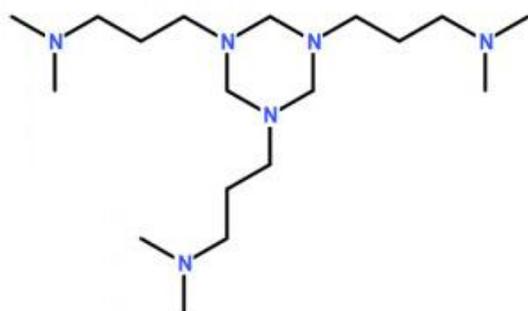
Freezing point: -59°C

Viscosity (25°C): 26~33mPa.s

Flash point: 153° C (COC) or 132° C (TMCC)

Boiling point: 255°C or 140°C/133Pa

Vapor pressure (21°C): 13Pa



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### Physical and chemical properties:

PC-41 is a colorless to light yellow transparent liquid with a very weak odor or nearly odorless, easily soluble in water.

Relative density 0.92~0.95  
Viscosity (25°C) 26~33mPa.s  
Flash point 153°C(COC) or 132°C(TMCC)  
Boiling point 225°C or 140°C/133Pa  
Freezing point -59°C  
Steam pressure (21°C) 13Pa  
Moisture in product ≤0.5%  
The nitrogen content is 17%~18%.

**Applications:**

The triazine catalyst is a highly active trimerization co-catalyst with excellent foaming performance, and is usually shared with other catalysts.

The triazine catalyst is mainly used for the catalysis of the reaction of polyurethane (PU) and polyisocyanurate (PIR). In fact, the catalytic selectivity of PU is slightly higher than that of the PIR reaction. , Molded rigid foam, more suitable for PIR rigid foam sheet, various foaming agent foaming (including full water foaming) and other processes, and has excellent performance in water foaming rigid foam system.

Triazine catalyst is also suitable for microcellular polyurethane elastomers and high resilience foam plastic products.

**package:**

200KG/drum Storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent the water and other substances from mixing into the product and affecting its performance. Store in a cool, dry place, keep the container sealed and avoid contact with oxides. Do not breathe dust, avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change clothes. Store contaminated clothing separately and wash it before reuse. Maintain good hygiene habits.

Company Name:	Newtop Chemical Materials (Shanghai) Co., Ltd.
Sales Manager:	Hunter
E-Mail:	<a href="mailto:Hunter@newtopchem.com">Hunter@newtopchem.com</a>
Tel:	+86 21-5161 9972
Mobile Phone:	+86-18301903153
Address:	Rm. 1104, No. 258, Songxing West Road, Baoshan District, Shanghai, China (Mainland)

Website:	<a href="http://www.newtopchem.com">www.newtopchem.com</a>
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## FAQ

Q1: May I get one sample before placing order?

Re: Yes, Sample are available. For normal products, samples are for free and you just need to bear the freight; For those high value products, you just need to freight and certain product cost. When we both cooperate for some times or when you are our VIP customer, free sample will be offered when you need.

Q2: Which payment is available for your company?

Re: T/T, L/C, You can choose the one which is convenient for you.

Q3: How and when can I get my goods after payment?

Re: For small quantity products, they will be delivered to you by international courier(DHL, FedEx, TNT etc.)

or by air. Usually it will cost 3-5days that you can get the goods after delivery. For large quantity products, shipping by sea is worthwhile. It will cost days to weeks to come to your destination port, which depends on where the port is.

Q4: Is there any possible to use my appointed label or package?

Re: Yes. If needed, we'd like to use label or package according to your requirement.

Q5: How can you guarantee the goods you offer is qualified?

Re: We always believe honesty and responsibility are basis of one company, so whatever products we provide for you all are qualified.