

<b>RT-7703</b>	Product	Alternative name of product: isooctyl acrylate (±)-Acrylic acid 2-ethylhexyl ester (industrial 2-ethylhexyl acrylate is a flammable, easily polymerizing and toxic colorless clear liquid with pungent smell)
<b>2-Ethylhexyl Acrylate</b>	Description	

Product quality indexes

Items	Unit	Index	RT-7703 Test Value
Appearance	/	Colorless clear liquid with pungent smell	
Purity	% (GC)	≥99.0	99.66
Moisture	Wt, %	≤0.10	0.0416
Chrominance (Color)	(APHA)	≤10	10
Free acid (in acrylic acid)	Wt, %	≤0.01	0.005
Polymerization inhibitor (MEHQ)	MG/KG	15±5	18

Physical properties and safety of the product

1. Product characteristics

Molecular formula: CH<sub>2</sub>=CHCOOCH<sub>2</sub>CH(C<sub>2</sub>H<sub>5</sub>)CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>

Molecular weight: 184.16

Normal boiling point: 213.5°C

Normal freezing point: -90°C

Flashing point: 82°C

Liquid density: (20°C) 887kg/m<sup>3</sup>; (25°C) 886.9kg/m<sup>3</sup>

2. Transport

During summertime, the product shall be transported in the morning or evening in order to prevent bright sunlight and transport route shall conform to specifications.

3. Rescue measures

Skin exposure: take off the polluted clothes at once, thoroughly wash the skin with soap and clean water, and then go to a doctor.

Eye exposure: lift eyelid at once, wash it with a large amount of clean flowing drinking water or normal saline for at least 15 minutes, and then go to a doctor.

Inhalation: leave the site immediately and go to somewhere where the air is fresh. Keep respiratory tract unimpeded. In case of hard breath, perform oxygen therapy; in case of breath stop, perform artificial respiration and go to a hospital at

4. Method of fire protection

Foam, carbon dioxide, dry powder and sandy soil can be used to put out a fire to save life and property, however, water can be used to keep the container in fire cool. Fireman must wear fire proofing and anti-poison clothes. Anti-poison clothes must be worn in case of big fire. Fireman must operate at position with protective cover in case of big fire.

5 Storage condition

The product shall be stored in cool and ventilated warehouse. The product shall be kept away from fire source and heat source. Warehouse temperature shall not exceed 30°C with container enclosed and it is better recommended that the storage temperature shall not exceed 25°C for low storage temperature.

RUDDER (XIAMEN) INDUSTRIAL CO.,LTD

Rudder Xiamen Industrial prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommends are provided to the best of our knowledge on the basis of our practical experience. Nevertheless R.T can make no warranties, express or implied, including, but no limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the R.T products is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our staff will be glad to advise you

E: sales@ruddertape.com

Website: www.ruddertape.com