



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 5418695

Fax: (0086) 551 5418697

Email: info@tnjchem.com

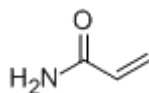
Site: www.tnjchem.com

Technical Data Sheet

Acrylamide

Product Information

Product Name	Acrylamide
Synonyms	Optimum; Vinylamide;
CAS No.	629-41-4
EINECS No.	201-173-7
Molecular formula	C ₃ H ₅ NO
Molecular weight	71.08
Chemical structure	



Physical Properties

White crystal powder. Soluble in water, ethanol, acetone, ether and trichloroethane, slightly soluble in toluene, insoluble in benzene

Density	1.322g/cm ³
Melting Point	82-86°C
Boiling Point	125°C at 25 mm Hg
Flashing Point	143°C
Refractive Index	1.460

Specification

<u>Items</u>	<u>Specification</u>
Appearance	White crystal
Assay	≥98.00%
Moisture	≤1.00%
Chromaticity (20% solution)	≤15

Fe	$\leq 1 \times 10^{-4} \%$
Inhibitor	$\leq 10 \times 10^{-4} \%$
Electric conductivity	$\leq 15 \text{ us/cm}$
PH value	7 ~ 8
Acrylonitrile	$\leq 5 \times 10^{-4} \%$
Acrylic acid	$\leq 10 \times 10^{-4} \%$

Safety

Acrylamide is a hazard class 6.1 dangerous goods, it is belong to poisonous material
Always refer to the Material Safety Data Sheet (MSDS)

Applications

Pharmaceutical, pesticide, spice, and coating intermediates.

Packaging

25kg per kraft paper bag, or as per customer's requirements

Storage & Handling

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 5418677
Fax: (0086) 551 5418697
Email: info@tnjchem.com
Site: www.tnjchem.com