



# Trigon Chemicals Pvt. Ltd.

( ISO 9001:2008 Certified Company )

722/AB/15, Nirmal, Laxmi Park Colony, Navi Peth, Pune-411 030. India., Tel: +91 (20) 24530071, Fax: +91 (20) 24530110  
Email: aditya@trigon-chemie.com, www.trigon-chemie.com

## CROTONONITRILE

## Technical Datasheet

**Product Information:** It is used as an intermediate in perfumery products. In the pharmaceutical industry, it is used in the manufacture of dental implants.

Chemical Name	CROTONONITRILE		
Grade Name	CROTONONITRILE		
CAS No.	4786-20-3		
EINECS No.	225-335-1		
Molecular Formula	CH <sub>3</sub> CH=CHCN		
Synonyms	<ul style="list-style-type: none"><li>• 1-CYANOPROPENE</li><li>• 2-BUTENENITRILE</li><li>• PROPENYL CYANIDE</li></ul>		
<b>TEST</b>	<b>SPECIFICATION</b>	<b>METHOD</b>	
Appearance	Clear to Slightly Yellowish Liquid	Visual	
Purity	> 98 %	By GC	
Allyl chloride	< 0.02 %	By Titration	
Allyl alcohol	< 1.0 %	By HPLC	
Allyl cyanide	< 0.5 %	By GC	
Water Content	< 0.5 %	By KF	
Boiling point	120-121 °C	boiling point apparatus	
Solubility at	Solvent	Solubility ( gm/100ml )	Visual
	Ether	soluble	
	Acetone	soluble	

### Product Applications:

1. It is used as an intermediate in perfumery products.
2. It is used in Organic synthesis.
3. In the pharmaceutical industry, it is used in the manufacture of dental implants.

### Product Benefits:

**Product Dosage:** We strongly recommend testing of your own system under the actual conditions of processing and end-use prior to full scale testing. Exact loading must be determined by compositions of the specific polymer systems.

### Polymer Details

### Suggested dosage



# Trigon Chemicals Pvt. Ltd.

( ISO 9001:2008 Certified Company )

722/AB/15, Nirmal, Laxmi Park Colony, Navi Peth, Pune-411 030. India., Tel: +91 (20) 24530071, Fax: +91 (20) 24530110  
Email: aditya@trigon-chemie.com, www.trigon-chemie.com

## Product Handling & safety:

Please refer to our product MSDS for specific instructions on handling this product.

**Product Registration:** It is not registered in food contact applications by US FDA. It is Hazardous product classified under UN No. 1993 Haz Class: 3 Packing Group: III.

Title:

Chapter:

Subchapter:

Part:

Subpart:

Section:

## Product Disclaimer

**Important :** This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleges negligence breach of warranty, strict liability, and tort or contact rising in connectoin with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or fur use for which implantation within human body is intended.