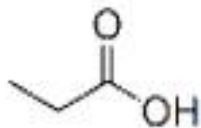


## Technical Data Sheet

### Basic information

Chemical name	Propionic acid	Formula	C3H6O2
Synonyms	PROPANOICACID;PROPANYL ACID;TRIANOIC ACID;Acide propionique	Chemical structure	
CAS.No.	79-09-4		
EINECS No.	201-176-3		
Molecular weight	74.08		

### Physical properties

Appearance	Colorless transparent liquid
Density,20℃,g/cm <sup>3</sup>	0.993
Melting point,℃	-20.7
Boiling point,℃	141.3
Flash point,° F	125
Refractive index	n <sub>20</sub> /D 1.386(lit.)
Vapor density	2.55 vs air
Vapor pressure	2.4 mm Hg (20 °C)

### Specification

Items	Specification
Appearance	Colorless transparent liquid
Assay,%	≥ 99.5
Relative density (20/20℃ )	0.993-0.997
Moisture,%	≤0.15
Heavy Metal,%	≤ 0.001

### Application

Synthesis resin	Propionic acid is the organic synthesis of raw materials.mainly for the preparation of salt, esters and other special products.
Food/Feed filed	Used as preservatives, green fodder,etc.
Pharm. filed	Used as bactericide and pharma intermediates.

### Package

- 200kg plastic drum, 16mt per 20'ft;



### Safety on transportation

It belongs to common goods, always refer to MSDS.

### Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

*The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.*

**Issue Date:** 1st,12,2016