



*Air Liquide delivers Ethylene in Europe and all around the world, in packages adapted to each customer.*

### General information

Official designation: Ethene  
Colorless – Slightly sweet smell  
Non corrosive

### Applications

Chemical synthesis  
O<sub>3</sub> analyses  
Feedstock in the manufacture of polymers

### Safety Data Sheet

Reference EIGA055A, available on our website [www.airliquide-benelux.com](http://www.airliquide-benelux.com)

### Physical properties

Molecular weight: 28,05 g / mol  
Relative density, gas: 1  
Relative density, liquid: 0,57  
CAS N°: 74-85-1

### Transport information

ONU N° 1962 – Ethene  
ADR/RID Class 2.1  
ADR sticker 2.1- flammable gas

### Product specifications – in mol ppm (gas phase)

Product Quality Purity	Ethylene	C <sub>2</sub> H <sub>4</sub> N25 99,50%	C <sub>2</sub> H <sub>4</sub> N35 99,95%
Impurities	H <sub>2</sub> O	50,0 ppm	5,0 ppm
	O <sub>2</sub>	300,0 ppm	10,0 ppm
	CO <sub>2</sub>	30,0 ppm	5,0 ppm
	H <sub>2</sub>	50,0 ppm	10,0 ppm
	N <sub>2</sub>	1500,0 ppm	40,0 ppm
	CnHm	1000,0 ppm	430,0 ppm
	S	2,0 ppm	2,0 ppm

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