



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

General information

Official designation: Ethane
Colorless – Odorless
Non corrosive

Applications

Chemical synthesis
Refrigerant

Ethane is also used in the manufacturing of chemical intermediates, e.g. by chlorination, ethane produces ethyl chloride.

Safety Data Sheet

Reference EIGA051A, available on our website www.airliquide-benelux.com

Physical properties

Molecular weight: 30,069 g / mol
Relative density, gas: 1
Relative density, liquid: 0,54
CAS N°: 74-84-0

Transport information

ONU N° 1035 – Ethane
ADR/RID Class 2.1
ADR sticker 2.1- flammable gas

Product specifications – in mol ppm (gas phase)

Product Quality Purity	Ethane	C ₂ H ₆ N25 99,50%	C ₂ H ₆ N35 99,95%	C ₂ H ₆ N45 99,995%
Impurities	H ₂ O	20,0 ppm	5,0 ppm	3,0 ppm
	O ₂	20,0 ppm	10,0 ppm	3,0 ppm
	CO ₂	10,0 ppm	5,0 ppm	1,0 ppm
	H ₂	250,0 ppm	40,0 ppm	5,0 ppm
	N ₂	200,0 ppm	40,0 ppm	15,0 ppm
	C ₂ H ₄	2000,0 ppm	350,0 ppm	5,0 ppm
	CH ₄	500,0 ppm	25,0 ppm	3,0 ppm
	C _n H _m (n>2)	2000,0 ppm	25,0 ppm	15,0 ppm

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