

Product Information

VISIOMER® ECH**Ethylene cyanohydrine**

CAS-No.: 109-78-4

Quality on supply

Appearance: clear, colorless to yellowish liquid
Odor: odorless

Standard specification

		Test Method	
Degree of purity	min. 98.50 %	M2-41	(GC)
– Ethylene cyanohydrine			
Degree of purity	< 1.00 %	M2-41	(GC)
– Glycol			
Formic acid	max. 0.060 %	M35	(titration)
Hydrocyanic acid	max. 0.0010 %	M35	(titration)
Water content	max. 0.10 %	M3	(acc. to K. Fischer)
Color	max. 30 on supply (subsequent darkening is possible)	M5	(Pt-Co)

Following data are not part of the product specification but serve as benchmarks.

Physical Data

Molecular weight	71 g/mol
Density	1.059 g/cm ³ at 20 °C
Refractive index	1.427 at 20 °C
Boiling point	228 °C at 1018 hPa (OECD 103)
Vapor pressure	< 0.02 hPa at 20 °C (OECD 104)
Solidification point	– 51 °C (OECD 102)
Viscosity	< 10 mPa·s at 20 °C
Flash point	129 °C (DIN 51758)
Solubility in water	at 20 °C miscible

Registration

REACH	registered
included in TSCA	+

General Hints

For information about health protection and shipment see our Safety Data Sheet

Application

Organic intermediate.

Shelf life: 6 months at max. 30 °C from date of delivery

Ref.-No.: VISIOMER® ECH / ZP 001-e – 04/2021

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Evonik Operations GmbH
Specialty Methacrylates
Kirschenallee
64293 Darmstadt
Germany

visiomer@evonik.com
www.visiomer.com
www.evonik.com