

MENADIONA

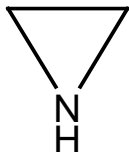
Your trusted partner in special chemicals



TECHNICAL SHEET

PO Box 227
08389 PALAFOLLS
BARCELONA - SPAIN

TS.2834/004/06

Menadione Code	Product
2834	ETHYLENEIMINE
	Aziridine
STRUCTURAL FORMULA 	CAS NUMBER: [151-56-4] MOLECULAR FORMULA: C ₂ H ₅ N MOLECULAR WEIGHT: 43.07

SPECIFICATIONS AND PROPERTIES

Appearance	: Fuming and colourless liquid with intense odour of ammonia.
Solubility	: Soluble in water.
Identification	
GC Retention time	: Rt matches with standard.
Water content (KF)	: Not more than 1.0%.
Assay (GC)	: Minimum 98.0%.

TOXICITY AND SAFETY

Acute Oral LD ₅₀ rats	: 14 mg/Kg
Acute dermal LD ₅₀ guinea pigs	: 13 mg/Kg

APPLICATIONS AND USES

▪ Adhesives/Coatings	▪ Printing inks
▪ Crosslinking agent	▪ Petroleum refining
▪ Textile dyeing	▪ Fiber modification
▪ Rocket propellant	▪ Biological products
▪ Pharmaceutical intermediate	▪ Agrochemical

TRANSPORT

ADR/RID	Substance name	: Ethyleneimine, inhibited
	UN number	: UN1185
	ADR/RID Class	: 6.1
	Labels	: 6.1;3
	Hazard id number	: 663
IMDG	Correct technical name	: Ethyleneimine, inhibited
	UN/ID number	: UN1185
	IMDG Class	: 6.1
	Packaging group	: I
	Subsidiary risk label	: 3
	EmS N°	: 6.1-01
	Marine pollutant	: N

STABILITY AND STORAGE

- Ethyleneimine is stored and shipped in the presence of anhydrous sodium hydroxide.

SYNONYMS AND TRADE MARKS

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|--------------------|
| ▪ Aziridine |
| ▪ Dimethyleneimine |
| ▪ Azacyclopropane |