

MENADIONA

Your trusted partner in special chemicals



TECHNICAL SHEET

PO Box 227
08389 PALAFOLLS
BARCELONA - SPAIN

TS.3017/005/07

Menadione Code	Product
3017	CROSSLINKER CL-427
	Pentaerythritol-tris-(β -(N-aziridinyl)propionate)
STRUCTURAL FORMULA	
CAS NUMBER: [57116-45-7]	
MOLECULAR FORMULA: C ₂₀ H ₃₃ N ₃ O ₇	
MOLECULAR WEIGHT: 427.49	

SPECIFICATIONS AND PROPERTIES

Appearance	: Clear amber liquid.
Solubility	: 100% in water. Miscible with acetone, methanol, chloroform and benzene.
Identification	
IR Spectrum	: Matches with standard.
pH (10% in water)	: Between 9.0 and 11.0.
Density	: Between 1.155 g/ml and 1.175 g/ml at 25°C.
Viscosity	: Less than 4000 Cp at 25°C.
Ethyleneimine content	: Less than 100 ppm.

SYNONYMS AND TRADE MARKS

- Polyfunctional aziridine crosslinker.
- Xama®7

TOXICITY AND SAFETY

Route	Dose
RTE	DOSE
Oral	LD ₅₀ 2000 mg/kg
Skin	LD ₅₀ > 3000 mg/kg

APPLICATIONS AND USES

- Adhesives.
- Coatings.
- Leather and textile.
- Printing inks.
- Crosslinking.

PACKAGING

- 25 or 200 Kg metallic drums and 800 or 1000 Kg plastic containers.

TRANSPORT

Not classified as hazardous for transport.

STABILITY AND STORAGE

- Material in itself is normally stable, but can become unstable at elevated temperatures and pressures.