

MENADIONA

Your trusted partner in special chemicals



TECHNICAL SHEET

PO Box 227
08389 PALAFOLLS
BARCELONA - SPAIN

TS.3050/003/07

Menadione Code	Product
3050	CROSSLINKER CL-422
	Trimethylolpropane-tris-(β -N-aziridiny)propionate
STRUCTURAL FORMULA	
$\text{CH}_3 - \text{CH}_2 - \text{C} \left[\text{CH}_2 - \text{O} - \text{CO} - \text{CH}_2 - \text{CH}_2 - \text{N} \begin{array}{c} \diagup \\ \diagdown \end{array} \right]_3$	
CAS NUMBER: [52234-82-9]	
MOLECULAR FORMULA: C ₂₁ H ₃₅ N ₃ O ₆	
MOLECULAR WEIGHT: 425.24	

SPECIFICATIONS AND PROPERTIES

Appearance	: Clear amber liquid.
Solubility	: 6.5% in water. Miscible with acetone, methanol, chloroform and benzene.
Identification	
IR Spectrum	: Matches with standard.
Density	: Between 1.085 g/ml and 1.115 g/ml at 25°C.
Viscosity	: Between 125 Cp and 500 Cp at 25°C.
Ethyleneimine content	: Less than 100 ppm.

SYNONYMS AND TRADE MARKS

- Polyfunctional aziridine crosslinker.
- Xama®2

TOXICITY AND SAFETY

Route RTE	Dose 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.