

EPOGLY

SPACE PROPULSION

- › LAUNCHER
- › TACTICAL PROPULSION

Curing agent for CTPB composite propellants.



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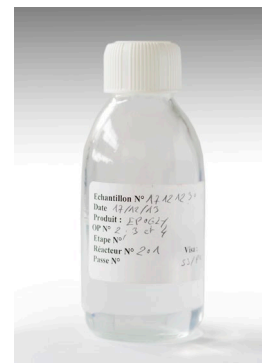
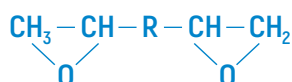
Improvement of adhesive properties of liners for composite propellants.

► **Chemical Name:** Mixture of products obtained by reaction between epichlorhydrine and glycerol

► **CAS Number:** 90529-77-4

► **EINECS Number:** 292-011-4

► **Molecular Formula (simplified formula):**



Typical Analysis

Chemical Properties

Tests	Units	Requirements	Test Methods
Aspect		Colorless clear yellow viscous liquid	Visual control
Epoxide content	eq/kg	$6.00 \leq X \leq 6.30$	Volumetric method
Hydroxide content	eq/kg	$2.2 \leq X \leq 2.8$	Infra Red Spectrometer
Volatiles content	%	≤ 2.0	Low pressure evaporation
Moisture content	%	≤ 0.05	Karl Fischer

Physical Properties

Density (20°C)	$1.23 \leq X \leq 1.25$ (20°C)
Solubility	Soluble in alcohols, ketones, esters, aromatics. Insoluble in aliphatic hydrocarbons.

REGULATORY INFORMATION

Packaging and Storage:

- Epogly is packaged in a steel drums.
- Store in a closed container in a dry place.

Regulatory information:

See SDS

- [EC Regulation n°1272/2008 \(CLP\):](#)



Attention
Hazards classes H302

- [Directive n° 67/548/EEC \(DSD\):](#)

R-phrases R22

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