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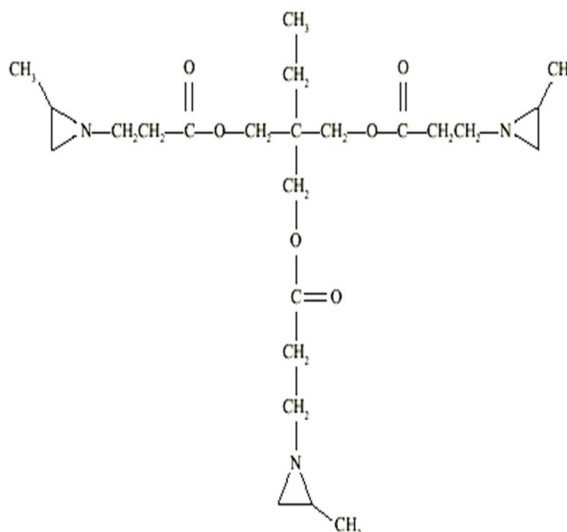
TECHNICAL DATA SHEET

POLYFUNCTIONAL AZIRIDINE

PZP-1000

PZP-1000 is a propylene imine tri-functional polyaziridine that is used as a cross linker for both aqueous and non-aqueous coatings, inks, and adhesives to promote both physical and chemical properties.

The aziridine end groups can react with active hydrogen as found on carboxyl groups of acrylic emulsions or polyurethane dispersions.



PZP-1000 is added at levels of 1% to 3% to finished formulated coatings, inks, or adhesives. It is added slowly and under good agitation. After mixing, an aqueous system with a pH of 9.0-9.5 will typically have a pot life of 18-36 hours. This time will be reduced when the pH is lower.

<i>Typical Properties</i>	PZP-1000
CAS Number:	64265-57-2
EC Number:	264-763-3
Appearance:	Clear yellowish liquid with amine-like odor
Aziridine Functionality:	2.8
Viscosity, cp at 25°:	100-300
Density at 25° C g/ml:	1.05-1.09
Aziridine Content, meq/g:	5.9-6.5
Molecular Weight:	467.3

The data included herein are based on test information obtained by POLYAZIRIDINE GLOBAL S.L. These data are believed to be reliable but do not imply any warranty or performance guarantee. We recommend that the user determine performance by testing on his own processing equipment. We assume no liability or responsibility for patent infringement resulting from the use of these products.