



Chemical Corporation

UNIPLEX 82
CAS NO. 77-89-4

UNIPLEX 82 is an excellent plasticizer for food packaging due to its pharmacological safety, economy, performance and lack of odor.

UNIPLEX 82 has been accepted as a component of plastic food wraps for use with all foods by the Food and Drug Administration.

UNIPLEX 82 is also accepted for use as a plasticizer in aerosol hair sprays and bandages by the Food and Drug Administration.

UNIPLEX 82 is economical both on cost and a performance basis, while exhibiting excellent compatibility with a wide range of polymers and resins. Resins plasticized with UNIPLEX 82 exhibit excellent heat stability, and low toxicity.

PHYSICAL PROPERTIES

Molecular Weight	318.3
Refractive Index, 25°C	1.438 (typical)
Weight per gallon, 25°C	9.47 lb.
Boiling Point, 1 mm Hg	132°C
Viscosity, 25°C	53.7 cps (typical)
Pour Point	-45°F
Flashpoint, COC	188°C
Solubility in Water, 25°C	0.72 g/100ml

SPECIFICATIONS

Assay, as Acetyl Triethyl Citrate	99% minimum
Acidity, (as Citric Acid)	0.02% maximum
Color, APHA	50 maximum
Water % (Karl Fischer)	0.25% maximum
Odor	Weak, characteristic odor
Specific Gravity, 25/25°C	1.135-1.139

HANDLING INFORMATION:

Refer to Material Safety Data Sheet

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale. Suggestions for uses of our products should not be understood as recommendations that they be used in violation of any patents.