

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	39572
Product	(S)-(+)-3-Chloro-1,2-propanediol (S)-(+)- α -Chlorohydrin Glycerol (S)-(+)- α -monochlorohydrin
CAS Number	60827-45-4
Molecular Formula	C ₃ H ₇ ClO ₂
Molecular Weight	110.54

Appearance	Colorless, slightly orange or yellow clear liquid
Solubility	Highly soluble in ether and alcohol
Boiling point	79 - 81 °C / 0.5 mmHg
Flash Point	126 °C
Density	1.32 g/mL
Refractive Index	$n_{20D} = 1.48$
Optical Rotation	$[\alpha]_{20D} = 8.5^\circ$ (C=2 in H ₂ O)
¹H NMR	Conforms to structure
Purity by GC	$\geq 98\%$
Storage	Store at RT

For Laboratory Use Only