

## Technical data sheet

# Diisopropyl Succinate (DIPS)

Version: February 2007

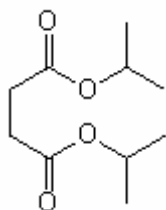
### Synonyms

Butanedioic acid, bis(1-methylethyl) ester

### Formula

$C_{10}H_{18}O_4$

### Structural formula



**Molecular weight:** 202.2

### CAS number

924-88-9

### EINECS number

213-110-0

### Product specification

Characteristics	Unit	Value	Method*	Reference
Appearance		Clear liquid	L000	
Purity	%	99.0 min	GM002 AII45	
Organic by-products	%	1.0 max	GM002 AII45	
Moisture	H <sub>2</sub> O	0.05 max	GM 010	ASTM E-203
Colour	mgKOH/g	15 max	GM011	ASTM D-1209
Acid number	%	0.1 max	L013	ASTM 0-1613
Evaporation residue		0.1 max	G 017	
IR identity		Conform to STD	GM 006	

\* Internal methods available upon request.

## Typical properties

Characteristics	Unit	Value
Solidification point	°C	<- 40°C
Boiling point @ 760 mmHg	°C	228
Viscosity @ 25°C	mPa.s	2.3
Viscosity @ 80°C	mPa.s	0.4
Density @ 20°C	g/ml	0.983
Solubility in water @25°C	g/l	6

## Main applications

DIPS is mainly used as intermediate for pharmaceuticals, pigments, agricultural products.

## Handling

Packaging: steel painted drum 200 kg;  
bulk.

Storage: it must be stored away from open flames or other potential ignition sources, and should be protected from moisture.

Shelf life: 12 months from production date.

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