

Technical Data Sheet

Product Name	Diisopropyl Adipate (DIPA)	
CAS No.	6938-94-9	
Description	<ul style="list-style-type: none"> • A multi-functional solvent for aromatic oils, couplers, emollients, lubricants, and plasticisers • A synthetically-produced diester of isopropyl alcohol and adipic acid • A non-occlusive, non-oily, light emollient with excellent spreading properties • A rapid absorbency and a low residual tack • Newly-launched formulation; ideal for modern-day sun-care formulations 	
Typical Properties	Appearance	Clear Liquid
	Colour (APHA / Hazen / Pt-Co / PCU)	20 max.
	Odour	Faint; Characteristic
	Assay(GC)	99% min.
	Water Content (w/w)	0.2% max.
	Specific Gravity (at 25 °C)	0.960
	Refractive Index (at 25°C)	1.423
	Saponification Value	475 - 500 mg KOH/g
	Iodine Value	Nil
	Acid Value	1 mg KOH/g max.
	Freezing Point	-3 °C max.
	Peroxide Value	5 max.
	Hydroxyl Value (mg KOH / gm)	1 max.
	Flash Point	149 °C
	Viscosity (at 25 °C)	4 cP
Applications	<ul style="list-style-type: none"> • Non-oily emollient in cosmetics • Hydro alcoholic formulations such as after-shave lotions and colognes • Bath oils - delivers a soft feel to the skin • Sunscreens - stabilises solid organic UV filters • Other cosmetics such as hair sprays, skin care lotions, and men's grooming products • Deodorants, lipsticks, and nail colours • Eye-area colour cosmetics, facial colour cosmetics, toners, and astringents 	
Packaging and Shelf Life	DIPA is supplied in 200 kg drums and 1000 kg IBC. DIPA can be stored for at least 2 years in original closed container in a cool and dry place.	
<i>This sheet is only a ready reference. Please contact us for any further information. Always test all material before use.</i>		