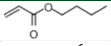
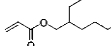
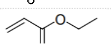
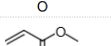

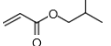
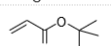
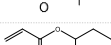

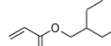

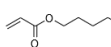
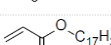
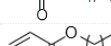
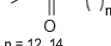
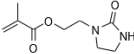
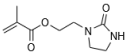
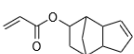


Acrylic & Methacrylic Monomers from BASF

Part of our life. Part of your success.

Product Name	Chemical name [Formula]	Polymer Tg [°C]	Bp [°C]	Coatings (Automotive / Industrial)	Emulsions (Coatings / Adhesives)	Adhesives & Sealants	Paper	Leather / Textile	Oilfield	Lubricants	Construction	Rubber / Plastics	Rad / UV Cure	Supersorbent Polymer (SAP)	Classic	Low-PCF 1, 2, 3, 4, 5	Zero-PCF 1, 2, 3, 4, 5	Bio-based 6	Cycled 1, 7	Made with Green Power 8, 9
Alkyl Acrylates																				
n-Butyl Acrylate (BA) [141-32-2]		-48	148	x	x	x	x	x			x	x		x	x	x		x	x	
2-Ethylhexyl Acrylate (2-EHA) [103-11-7]		-58	216	x	x	x	x	x			x	x		x	x	x		x	x	
Ethyl Acrylate (EA) [140-88-5]		-24	99,8		x	x	x	x			x	x		x	x		x		x	
Methyl Acrylate (MA) [96-33-3]		-10	80,1		x	x					x	x		x	x	x			x	x
iso-Butyl Acrylate (IBA) [106-63-8]		-24	138	x	x	x	x	x			x	x		x	x				x	x
tert-Butyl Acrylate (TBA) [1663-39-4]		50	119	x	x	x	x	x			x	x		x	x	x			x	x
2-Octyl Acrylate (2-OA) [42928-85-8]		47	202	x	x	x	x	x			x	x				x		x	x	x
2-Propylheptyl Acrylate (2-PHA) [149021-58-9]		-67	250	x	x	x						x	x	x	x					x
iso-Decyl Acrylate F (IDA F) [1330-61-6]		-58	158 (66 mbar)	x	x	x						x		x	x					x
Heptadecyl Acrylate (C-17A) [1473386-36-5]		-64	-	x		x		x	x		x	x		x	x					x
Lauryl Acrylate 1214 F (LA 1214 F) [2156-97-0] (C12) [21643-42-5] (C14)		-	296	x	x	x	x	x	x			x				x		x	x	
Lauryl Acrylate 12 F (LA 12 F) [2156-97-0]		-	296	x	x	x	x	x	x			x				x		x	x	
Stearyl Acrylate 1618 (SA 1618) [13402-02-3] (C16) [4813-57-4] (C18)		-	160 (3 mbar)	x		x		x	x	x		x				x		x	x	
Stearyl Acrylate 18 (SA 18) [4813-57-4]		-	160 (3 mbar)	x		x		x	x	x		x				x		x	x	
Behenyl Acrylate 1822 F (BEA 1822 F) [4813-57-4] (C18), [48076-38-6] (C20) [18299-85-9] (C22)		-	410	x		x		x	x	x		x				x		x	x	

Product Name	Chemical name [Formula]	Polymer Tg [°C]	Bp [°C]	Coatings (Automotive / Industrial)	Emulsions (Coatings / Adhesives)	Adhesives & Sealants	Paper	Leather / Textile	Oilfield	Lubricants	Construction	Rubber / Plastics	Rad / UV Cure	Superabsorbent Polymer (SAP)	Classic	Low-PCF 1, 2, 3, 4, 5	Zero-PCF 1, 2, 3, 4, 5	Bio-based 6	Cycled 1, 7	Made with Green Power 8, 9
Behenyl Acrylate 22 F (BEA 22 F) [18299-85-9] (C22)		-	410	x	x			x	x	x			x		x		x			
Acids																				
Glacial Acrylic Acid (GAA) [79-10-7]		105	141	x	x	x					x	x	x	x	x	x				x
Methacrylic Acid (MAA) [79-41-4]		185	162	x	x	x					x	x		x	x					x
Alkyl Methacrylates																				
<i>tert</i> -Butyl Methacrylate (TBMA) [585-07-9]		107	136	x	x	x		x	x			x		x	x	x				x
Cyclohexyl Methacrylate (CHMA) [101-43-9]		105	94 (20 mbar)	x	x	x		x		x	x	x	x	x	x	x				x
2-Ethylhexyl Methacrylate (2-EHMA F) [688-84-6]		-10	228	x	x	x		x		x		x		x	x	x				x
<i>iso</i> -Decyl Methacrylate (IDMA) [29964-84-9]		-30	263	x		x				x				x	x	x				x
Isotridecyl Methacrylate (C13MA) [85736-97-6]		-31	-	x		x				x				x	x	x				x
Lauryl Methacrylate 1214 F (LMA 1214 F) [142-90-5] (C12), [2549-53-3] (C14)		-50	308	x	x	x		x	x	x					x					x
Cetyl Methacrylate 1618 F (CEMA 1618 F) [2495-27-4] (C16), [32360-05-7] (C18)		-24	190-210 (64 mbar)	x		x		x	x	x					x					x
Stearyl Methacrylate 1618 F (SMA 1618 F) [2495-27-4] (C16), [32360-05-7] (C18)		-22	190-210 (64 mbar)	x		x		x	x	x					x					x
Stearyl Methacrylate 18 F (SMA 18 F) [32360-05-7]		-	-	x		x		x	x	x					x					x
Behenyl Methacrylate 1822 F (BEMA 1822 F) [32360-05-7] (C18), [16669-27-5] (C22)		-	190-210 (64 mbar)	x		x		x	x	x					x					x
PEG Methacrylates																				
Stearyl Polyethyleneglycol Methacrylate 1100 (SPEGMA 1100) [70879-51-5]		-	-			x								x	x					x
Behenyl Polyethyleneglycol Methacrylate 1100 (BEPEGMA 1100) [125441-87-4]		-	-			x								x	x					x
Methyl Polyethyleneglycol Methacrylate 2000 (MPEGMA 2000) [26915-72-0]		-	-			x					x			x	x					x
Hydroxies																				
4-Hydroxybutyl Acrylate (4-HBA) [2478-10-6]		-65	236	x	x	x							x	x	x					x
Hydroxyethylcaprolactone (HECLA) [110489-05-9]		-52	-	x	x	x							x	x	x					x

Product Name	Chemical name [Formula]	Polymer Tg [°C]	Bp [°C]	Coatings (Automotive / Industrial)	Emulsions (Coatings / Adhesives)	Adhesives & Sealants	Paper	Leather / Textile	Oilfield	Lubricants	Construction	Rubber / Plastics	Rad / UV Cure	Superabsorbent Polymer (SAP)	Classic	Low-PCF 1, 2, 3, 4, 5	Zero-PCF 1, 2, 3, 4, 5	Bio-based 6	Cycled ^{1,7}	Made using Green Power 8,9
Functional Monomers																				
Ureido Methacrylate 25% in MMA (UMA 25%) [86261-90-7]		-	101	x	x	x									x					x
Ureido Methacrylate 50% in Water (UMA 50%) [86261-90-7]		-	101	x	x	x									x					x
Dihydrodicyclopentadienyl Acrylate (DCPA) [12542-30-2]		-	81 (0.7 mbar)	x		x						x	x		x					x

¹ According to the mass balance approach details under: www.basf.com/global/en/who-we-are/sustainability/we-drive-sustainable-solutions/circular-economy/mass-balance-approach/biomass-balance.html

² Considering "cradle-to-gate" approach – details under: www.basf.com/global/en/who-we-are/sustainability/we-drive-sustainable-solutions/quantifying-sustainability/product-carbon-footprint.html

³ Learn how BASF calculates products carbon footprint: www.basf.com/global/en/who-we-are/sustainability/we-drive-sustainable-solutions/quantifying-sustainability/product-carbon-footprint.html

⁴ Considering "biogenic uptake" where plants remove CO₂ from the atmosphere through photosynthesis. The raw materials used in BASF's biomass balance approach are plant-based and the biogenic uptake is accounted for in the calculation of the cradle-to-gate product carbon footprint.

⁵ Compared to the BASF "classic" version which may vary according to the production site and selected feedstocks (e.g., Bionaphtha or Biomethane).

⁶ According to the method ASTM D6866-18 where biogenic carbon is analyzed.

⁷ In the production of Cycled[®] products, conventional fossil raw materials required to manufacture BASF products are replaced with recycled feedstock from the chemical recycling of plastic waste along BASF's integrated production chain. The corresponding share of recycled feedstock, e.g., benzene, is attributed to the specific Cycled[®] product via a certified mass balance approach. BASF sites and Cycled[®] products are third-party certified according to internationally recognized certification schemes like REDcert2 and ISCC PLUS and meet the definitions by ISO 22095:2020. Learn how plastic waste and end-of-life tires end up in your product: www.basf.com/global/en/who-we-are/sustainability/we-drive-sustainable-solutions/circular-economy/mass-balance-approach/chemcycling.html

⁸ Green power is the power generated by renewable sources (e.g., wind parks, solar farms) purchased by BASF in compliance with GHG Protocol and attributed to targeted products.

⁹ Learn more about BASF green power initiatives at: www.basf.com/global/en/who-we-are/organization/group-companies/BASF_Renewable-Energy-GmbH.html.

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