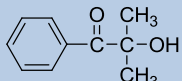
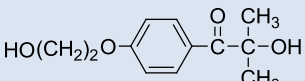
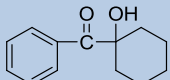
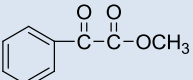
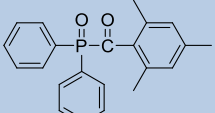
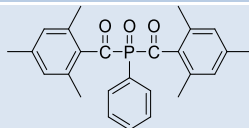
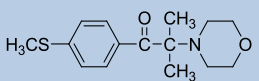
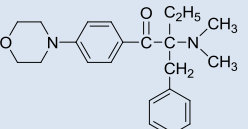


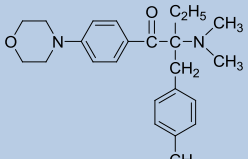
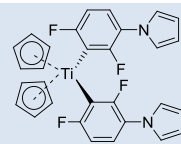
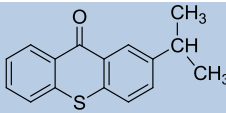
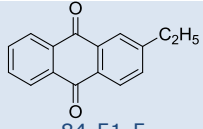
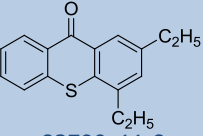
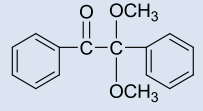
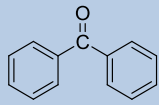


Product List of Photoinitiators

	Product Name	Molecular Formula	Chemical name	Structure/ CAS No.	Appearance	Purity	Melting Point	Volatile	Max UV Absorption	Characteristics	Application
1.	Chemcure-73	C ₁₀ H ₁₂ O ₂	2-Hydroxy-2-methyl propiophenone	 7473-98-5	Clear, light yellow liquid	99%	4℃	-	245nm, 280nm, 331nm	A liquid, non-yellowing photoinitiator; exhibits solubility, reduce viscosity	Used in UV curable coating and ink systems
2.	Chemcure-73W	C ₁₂ H ₁₆ O ₄	2-Hydroxy-4'-(2-hydroxyethoxy)-2-methyl propiophenone	 106797-53-9	Pale White Powder	98% ↑	86-90 ℃	-	274nm	A hydrophilic, non-yellowing photoinitiator	Used in UV curable coating and ink systems
3.	Chemcure-481	C ₁₃ H ₁₆ O ₂	1-Hydroxycyclohexyphenyl ketone	 947-19-3	White crystalline powder	99%	45-49℃	0.50%	246nm, 280nm, 333nm	A non-yellowing photoinitiator	Used in UV curable coating and ink systems
4.	Chemcure-55	C ₉ H ₈ O ₃	Methylbenzoyl formate	 15206-55-0	Clear liquid	98%	17℃	-	255nm, 325nm	A highly efficient, liquid photoinitiator	A non-yellowing photoinitiator that varnishes clear coating, especially in thickness film
5.	Chemcure-TPO	C ₂₂ H ₂₁ PO ₂	Diphenyl (2,4,6-trimethylbenzoyl)-phosphine oxide	 75980-60-8	Yellowish powder	99%	88-92℃	0.50%	295nm, 368nm, 380nm, 393nm	A highly sensitive photoinitiator	Used mostly in white ink system
6.	Chemcure-81	C ₂₆ H ₂₇ O ₃ P	Phosphine oxide, phenyl bis (2,4,6-trimethyl benzoyl)	 162881-26-7	Light yellow Powder	99%	127-133℃	0.5 ↓ %	295nm, 370nm	A highly sensitive photoinitiator	Used mostly in white ink system
7.	Chemcure-709	C ₁₅ H ₂₁ O ₂ NS	2-methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanone	 71868-10-5	White to light beige powder	99%	70-75℃	0.25%	230nm, 304nm	A reactive photoinitiator; exhibits high extinction coefficients at major emission lines of UV	Exhibits strong absorption characteristics; used in curing pigmented inks and coatings
8.	Chemcure-96	C ₂₃ H ₃₀ N ₂ O ₂	2-Benzyl-2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-1-butanone	 119313-12-1	Slightly yellow powder	99%	110-114℃	0.30%	233nm, 324nm	A reactive photoinitiator; exhibits high extinction coefficients at major emission lines of UV	Exhibits strong absorption characteristics; used in curing pigmented inks and coatings

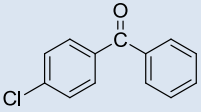
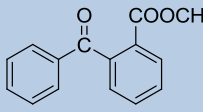
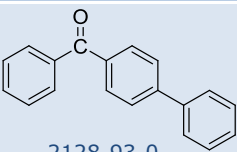
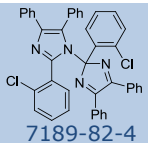
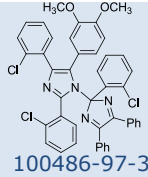
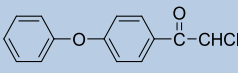
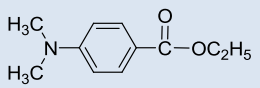
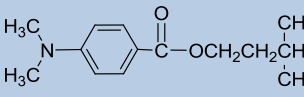


Product List of Photoinitiators

	Product Name	Molecular Formula	Chemical name	Structure/ CAS No.	Appearance	Purity	Melting Point	Volatile	Max UV Absorption	Characteristics	Application
9.	Chemcure-97	C ₂₄ H ₃₂ N ₂ O ₂	2-Dimethylamino-2-(4-methyl-benzyl)-1-(4-morpholin-4-yl-phenyl)-butan-1-one	 119344-86-4	Slightly yellow powder	99%	82-87°C	-	233nm, 324nm	A reactive photoinitiator and a highly efficient UV curing agent used to initiate the photopolymerisation of chemical	Exhibits strong absorption characteristics; used in curing pigmented inks and coatings
10.	Chemcure-78	C ₃₀ H ₂₂ F ₄ N ₂ Ti	Bis(.eta.5-2,4-cyclopentadien-1-yl)-bis(2,6-difluoro-3-(1H-pyrrol-1-yl)-Phenyl)titanium	 125051-32-3	Yellow to Orange Powder	99%	160-170°C	-	398nm, 470nm	Highly sensitive	Exhibits strong absorption characteristics; used for curing pigmented inks and coatings
11.	Chemcure-ITX	C ₁₆ H ₁₄ OS	2-isopropyl thioxanthone	 5495-84-1	Yellowish powder	99%	74-76°C	0.50%	365nm	A highly efficient photoinitiator	Used mostly with Chemcure-709 in thick, pigmented films
12.	Chemcure-2EAQ	C ₁₆ H ₁₂ O ₂	2-Ethyl Anthraquinone	 84-51-5	Light yellow flake / powder	98%	107-111°C	-	257nm	A highly efficient photoinitiator	Used in solder mask ink
13.	Chemcure-DETX	C ₁₇ H ₁₆ OS	2,4-Diethyl Thioxanthone	 82799-44-8	Yellowish powder	99%	68°C	0.50%	365nm	A highly efficient photoinitiator	Can be used instead of Chemcure-ITX
14.	Chemcure-BDK	C ₁₆ H ₁₆ O ₃	Benzil Dimethyl Ketal	 24650-42-8	White crystalline powder	99.50%	63-67°C	0.20%	250nm, 340nm	A highly efficient photoinitiator used for UV-curing	Used to varnish wood coating and ink systems
15.	Chemcure-BP	C ₁₃ H ₁₀ O	Benzophenone	 119-61-9	White to slightly off-white flakes	99.50%	47-49°C	<0.1%	251nm	Achieves a fast surface cure; which reduces oxygen inhibition	Used in printing ink, wood varnishes, decorative coatings for food cartons, adhesives and solder

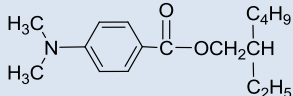
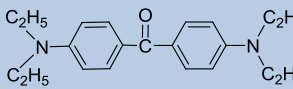
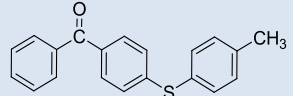
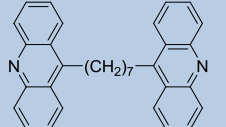
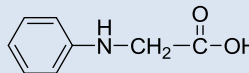


Product List of Photoinitiators

	Product Name	Molecular Formula	Chemical name	Structure/ CAS No.	Appearance	Purity	Melting Point	Volatile	Max UV Absorption	Characteristics	Application
16.	Chemcure-64	C ₁₃ H ₉ ClO	4-chloro Benzophenone	 134-85-0	White, free flow powder	99.50%	75-77°C	≤0.25%	-	Low odor Benzophenone type photoinitiator	Used in printing ink, wood varnishes, decorative coatings for food cartons, adhesives and solder
17.	Chemcure-65	C ₁₅ H ₁₂ O ₃	Methyl-2-benzoylbenzoate	 606-28-0	White crystal	99%	48-54°C	≤0.1%	-	Low odor Benzophenone type photoinitiator	Used in printing ink, wood varnishes, decorative coatings for food cartons, adhesives and solder
18.	Chemcure-PBP	C ₁₉ H ₁₄ O	4-phenyl Benzophenone	 2128-93-0	Light yellowish solid	99%	99-103°C	-	289nm	Low odor Benzophenone type photoinitiator	Used in printing ink, wood varnishes, decorative coatings for food cartons, adhesives and solder masks
19.	Chemcure-BCIM	C ₄₂ H ₂₈ Cl ₂ N ₄	2,2'-Bis(2-Chlorophenyl)-4,4',5,5'-Tetraphenyl-1,2'-Bi-imidazole	 7189-82-4	Yellowish powder	99%	200-204°C	0.10%	263nm	A highly efficient photoinitiator	Used in dry film, photoresist, printing plate
20.	Chemcure-TCDM	C ₄₄ H ₃₁ O ₂ Cl ₂ N ₂	2,2',4-tris(2-chlorophenyl)-5-(3,4-dimethoxyphenyl)-4',5'-diphenyl-1,1'-biimidazole	 100486-97-3	Light yellow powder	-	130-136°C	1.00%	-	A highly efficient photoinitiator	Used in dry film, photoresist, printing plate
21.	Chemcure-PDCA	C ₁₄ H ₁₀ Cl ₂ O ₂	4-phenoxy-2,2'-Dichloro Acetophenone	 59867-68-4	Yellowish powder	99%	65-69°C	0.50%	289nm	A highly efficient photoinitiator	Used in dry film, photoresist, printing plate
22.	Chemcure-EDB	C ₁₁ H ₁₅ NO ₂	Ethyl-4-(dimethylamino)Benzoate	 10287-53-3	White crystalline powder	99%	62-68°C	0.10%	310nm	A highly soluble, low odor, low toxicity amine synergist	Used in printing ink, wood varnishes, decorative coatings for food cartons, adhesives and solder
23.	Chemcure-DMBI	C ₁₄ H ₂₁ NO ₂	Isoamyl 4-(Dimethylamino)benzoate	 21245-01-2	Light yellow transparent liquid	99%	28-30°C	0.50%	315nm	A highly soluble, low odor, low toxicity amine synergist	Used in printing ink, wood varnishes, decorative coatings for food cartons, adhesives and solder



Product List of Photoinitiators

	Product Name	Molecular Formula	Chemical name	Structure/ CAS No.	Appearance	Purity	Melting Point	Volatile	Max UV Absorption	Characteristics	Application
24.	Chemcure-EHA	C ₁₇ H ₂₇ NO ₂	2-Ethyl Hexyl-4-(dimethylamino) Benzoate	 21245-02-3	Light yellow colorless liquid	99%	185-195°C	1.00%	320nm	A highly insoluble liquid amine synergist	Used in printing ink, wood varnishes, decorative coatings for food cartons, adhesives and solder
25.	Chemcure-MEK (EAB-F)	C ₂₁ H ₂₈ N ₂ O	4,4'Bis(diethylamino) Benzophenone (Michler's Ethyl Ketone)	 90-93-7	Light yellow powder	99%	92°C	0.50%	365nm	A photoinitiator that increases the sensitivity when combined with BCIM	Used in dry film, photoresist, printing plate
26.	Chemcure-BMS	C ₂₀ H ₁₆ OS	4-(4'-methylphenylthio)-benzophenone	 83846-85-9	Pale cream powder	99%	68°C	0.50%	312nm	A highly efficient photoinitiator	Used in white colorless and printing ink system
27.	Chemcure-454	C ₃₃ H ₃₀ N ₂	1,7-Bis(9-acridinyl)heptane	 141946-28-3	Yellow powder	98%	148-152°C	0.50%	-	A highly efficient photoinitiator	Used in photoresist, color resist
28.	Chemcure-NPG	C ₈ H ₉ NO ₂	N-Phenyl Glycine	 103-01-5	Yellow crystalline powder	98%	123-125°C	-	-	Increases sensitivity of UV curable system	Used in dry film, photoresist, printing plate