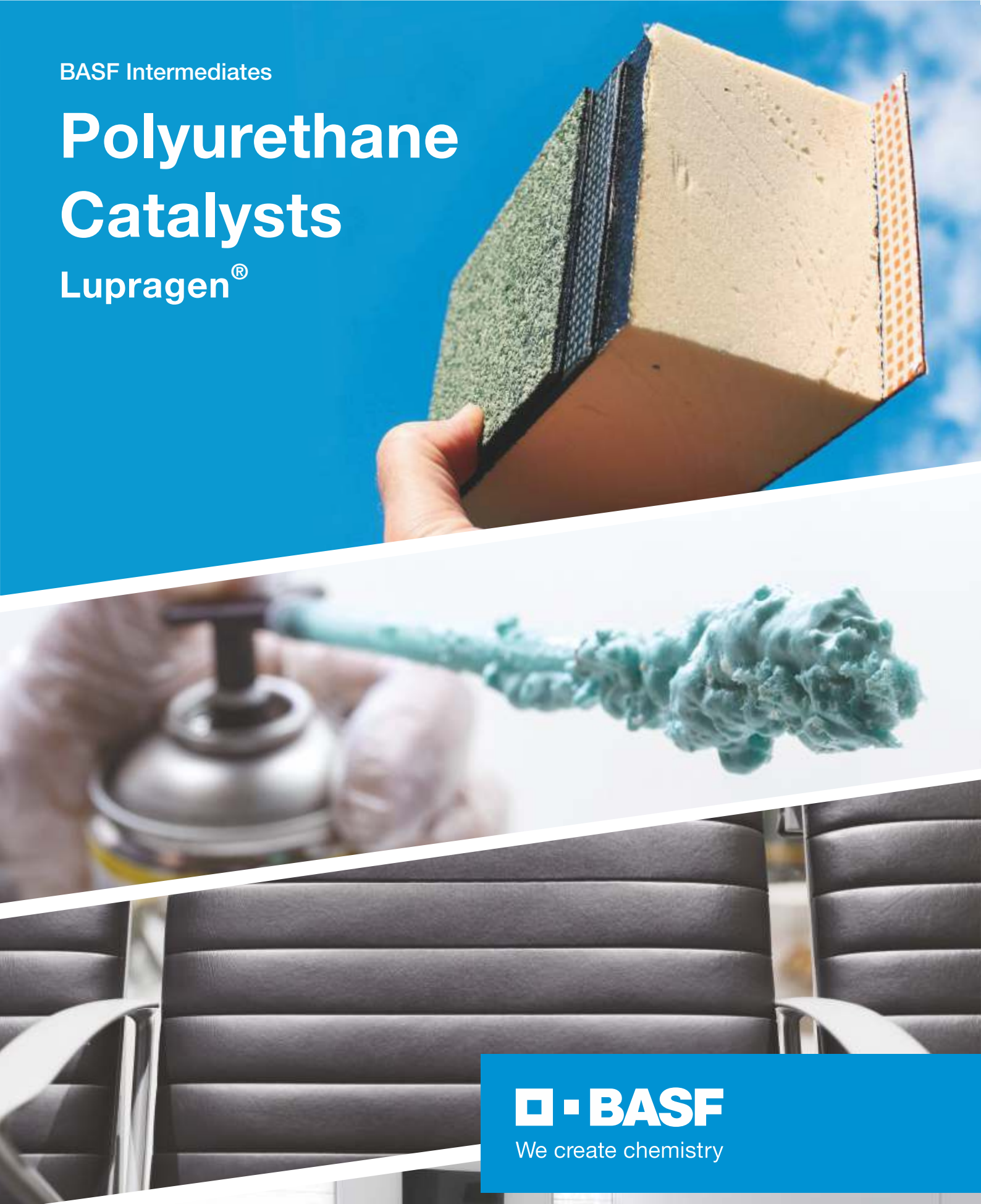
BASF Intermediates

Polyurethane Catalysts

Lupragen®



BASF

We create chemistry

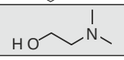
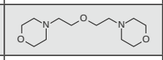
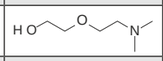
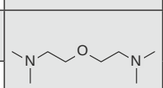
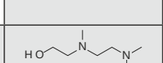
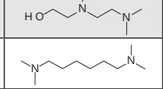
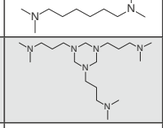
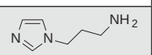
Lupragen®

BASF is a renowned leading producer of amines. BASF markets its amine catalysts for Polyurethane(PU) under the Lupragen® brand. PU catalysts are typically tertiary amines, which are required to facilitate the reaction of the main components – isocyanate and polyol. Depending on the choice of catalyst the polyurethane forming process can be controlled to enhance the gelling or blowing reaction.

Our customers benefit from:

- A comprehensive product portfolio covering broad application areas from rigid to flexible PU foam
- Low-VOC catalysts addressing increasing demand for end-consumer products
- Excellent and consistent catalyst quality
- High level of supply reliability
- Global network of BASF with local market knowledge

Comprehensive Portfolio of PU Catalysts

BASF Name	PU Catalyst Type	Chemical Structure	Chemical Name	CAS-no.	Mol. Weight [g/mol]	Melting Point [°C]	Boiling Point [°C]	Purity/content [%]	Low VOC	Application						Reaction Type		
										Flexible foam		Semi-rigid foam	Rigid foam	Spray foam	Micro-cellular	CASE	Gelling	Blowing	Trimeri-zation
										Slabstock	Molded								
Lupragen® N 100	DMCHA		N,N-Dimethylcyclohexylamine	98-94-2	127.2	-77	162	min. 99.0 (GC)					●	●				●	
Lupragen® N 101	DMEOA		N,N-Dimethylethanolamine	108-01-0	89.1	-59	134	min. 99.8 (GC)	●	●	●		●	●			●		
Lupragen® N 105	NMM		N-Methylmorpholine	109-02-4	101.2	-65	115	min. 99.0 (GC)		●	●		●		●		●		
Lupragen® N 106	DMDEE		2,2'-Dimorpholinodiethylether	6425-39-4	244.3	-28	309	min. 99.8 (GC)		●	●		●	●		●		●	
Lupragen® N 107	DMAEE		Dimethylaminoethoxyethanol	1704-62-7	133.2	< -70	204	min. 99.0 (GC)	●	●	●	●	●	●	●	●		●	
Lupragen® N 201	TEDA / DPG		Triethylenediamine 33% sol. in dipropyleneglycol	280-57-9	112.2	-39	173	33.1-33.5 (titration)		●	●	●	●	●	●	●	●		
Lupragen® N 203	TEDA / MEG		Triethylenediamine 33% sol. in monoethyleneglycol	280-57-9	112.2	-67	196	33.1-33.5 (titration)		●	●	●	●	●	●	●	●		
Lupragen® N 205	BDMAEE		Bis(2-dimethylaminoethyl)ether	3033-62-3	160.3	< -80	188	min. 97.0 (GC)		●	●	●	●	●				●	
Lupragen® N 206*	BDMAEE / DPG		Bis(2-dimethylaminoethyl)ether 70% sol. in dipropyleneglycol	3033-62-3	160.3	< -80	188	68.0-72.0 (titration)		●	●	●	●	●				●	
Lupragen® N 400	TMAEEA		N,N,N'-Trimethylaminoethylethanolamine	2212-32-0	146.2	< -70	210	min. 98.5 (GC)	●	●	●	●	●				●	●	
Lupragen® N 500	TMHDA		N,N,N',N'-Tetramethyl-1,6-hexanediamine	111-18-2	172.3	-46	212-216	min. 99.0 (GC)		●	●	●	●	●		●	●	●	
Lupragen® N 600	S-Triazine		1,3,5 Tris(dimethylaminopropyl)-hexahydro-s-triazine	15875-13-5	342.6	-59	225	100.0 (w/w)		●	●		●		●	●			●
Lupragen® N 700	DBU		1,8-Diazabicyclo-5,4,0-undecene-7	6674-22-2	152.2	-70	262	min. 98.0 (GC)		●	●		●		●	●	●	●	
Lupragen® API	API		N-(3-Aminopropyl)imidazole	5036-48-6	125.2	-68	296	97.0 (GC)		●	●	●	●						
Lupragen® DMI	DMI		1,2-Dimethylimidazole	1739-84-0	96.1	20-40	205	min. 96.0 (GC)		●	●	●	●						

If not specifiied, b.p. and m.p. are measured at 1013 hPa.

Lupragen® is a registered trademark of BASE SE in many countries.

*only available for customers in Asia-Pacific

CI 2103-06/21-100

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info.intermediates@basf.com
www.intermediates.basf.com/pur