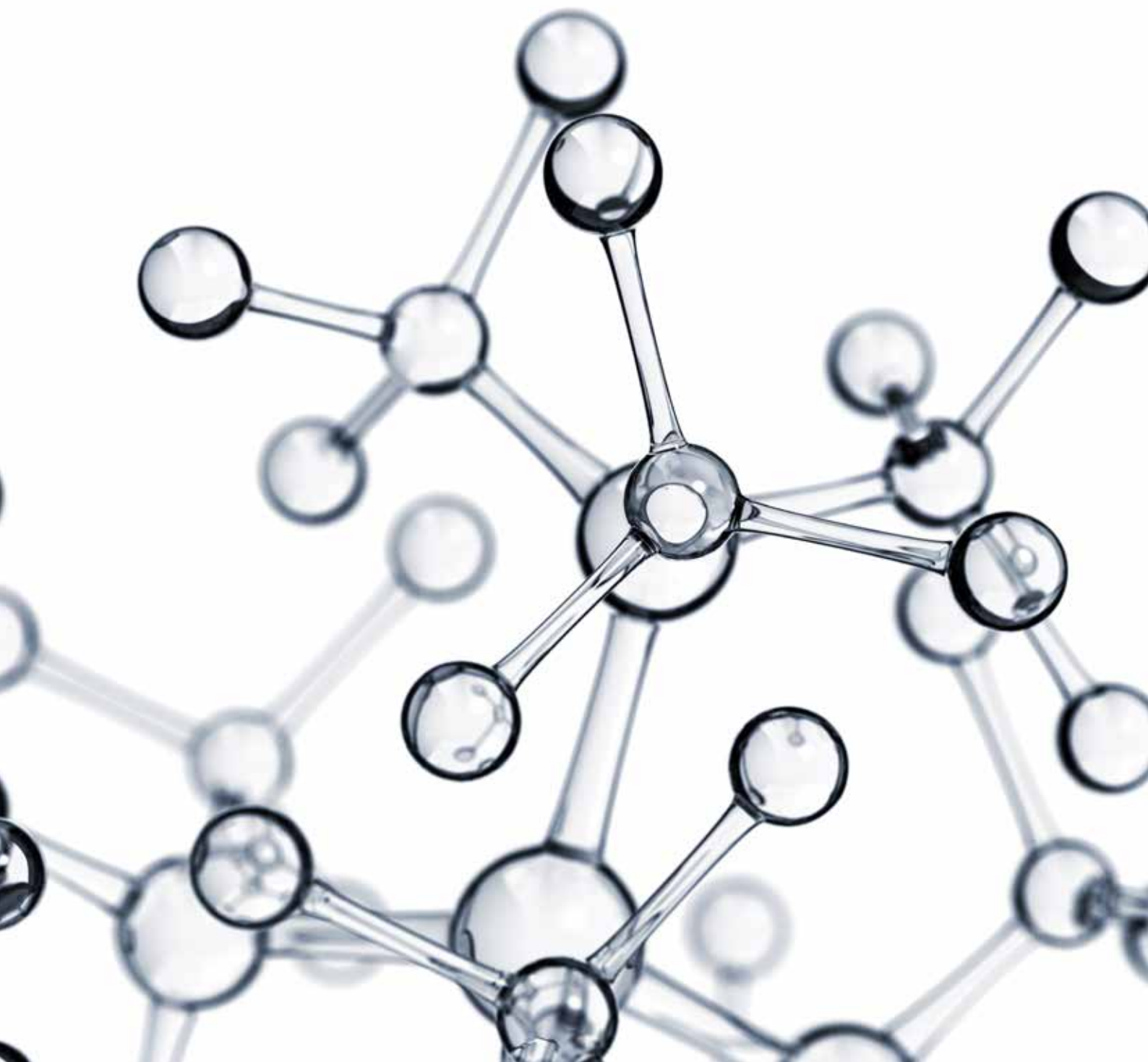


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## PRODUCTS

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### INORGANIC CATALYSTS

Trade Name	Short Form	Product Name	Purity*	CAS Nr.	Application
BNT-CAT 100	SnCl <sub>2</sub>	Tin(II) chloride, anhydrous	≥99,0%	7772-99-8	B
BNT-CAT 110	SnOCl <sub>2</sub>	Tin(II) octoate	≥95,5%	301-10-0	A&S, P&C, B, O
SnCl <sub>2</sub> solution	SnCl <sub>2</sub> solution	Tin(II) chloride solution	≥99,0%	7772-99-8	B
SnCl <sub>2</sub> · 2H <sub>2</sub> O	SnCl <sub>2</sub> · 2H <sub>2</sub> O	Tin(II) chloride dihydrate	≥97,9%	10025-69-1	B
SnCl <sub>4</sub> · 5H <sub>2</sub> O	SnCl <sub>4</sub> · 5H <sub>2</sub> O	Tin(IV) chloride pentahydrate	≥99,9%	10026-06-9	T
SnCl <sub>4</sub>	SnCl <sub>4</sub>	Tin(IV) chloride, anhydrous	≥99,9%	7646-78-8	P&C, T, HEC
SnCl <sub>4</sub> 23W	SnCl <sub>4</sub> 23W	SnCl <sub>4</sub> in water	≥99,9%	7646-78-8	P&C, T
SnCl <sub>4</sub> 50W	SnCl <sub>4</sub> 50W	SnCl <sub>4</sub> in water	≥99,9%	7646-78-8	P&C, T
SnCl <sub>4</sub> 57W	SnCl <sub>4</sub> 57W	SnCl <sub>4</sub> in water	≥99,9%	7646-78-8	P&C, T
SnCl <sub>4</sub> 60W	SnCl <sub>4</sub> 60W	SnCl <sub>4</sub> in water	≥99,0%	7646-78-8	P&C, T



### MONOBUTYLTIN CATALYSTS

Trade Name	Short Form	Product Name	Purity*	CAS Nr.	Application
BNT-CAT 200	MBTO	Butyltin oxide	≥99,2%	2273-43-0	B, O
BNT-CAT 210	MBT(OH) <sub>2</sub> Cl	Butyltin dihydroxychloride	≥95,0%	13355-96-9	B
BNT-CAT 220	MBT(EH) <sub>3</sub>	Butyltin tris-2-ethylhexanoate	≥98,0%	23850-94-4	A&S, P&C, B, O



### DIBUTYLTIN CATALYSTS

Trade Name	Short Form	Product Name	Purity*	CAS Nr.	Application
BNT-CAT 400	DBTA	Dibutyltin diacetate	≥97,6%	1067-33-0	A&S, B
BNT-CAT 401	DBTA/Tol	Dibutyltin diacetate solution in toluene	≥97,6%	1067-33-0	A&S, B
BNT-CAT 410	DBTCl <sub>2</sub>	Dibutyltin dichloride	≥98,5%	683-18-1	A&S, S
BNT-CAT 411	DBTCl <sub>2</sub> /DIDP	Dibutyltin dichloride solution in DIDP	≥98,5%	683-18-1	A&S
BNT-CAT 413	DBTCl <sub>2</sub> /Xylene	Dibutyltin dichloride solution in Xylene	≥98,5%	683-18-1	A&S
BNT-CAT 422	DBTL	Dibutyltin dilaurate	≥96,3%	77-58-7	A&S, P&C, B, S
BNT-CAT 423	DBTL	Dibutyltin dilaurate	≥96,3%	77-58-7	A&S, P&C, B, S
BNT-CAT 430	DBTO	Dibutyltin oxide	≥98,5%	818-08-6	A&S, P&C, B, S, O
BNT-CAT 431	DBTO fine	Dibutyltin oxide fine	≥98,5%	818-08-6	P&C
BNT-CAT 435	DBTO wet	Dibutyltin oxide	≥98,5%	818-08-6	P&C
BNT-CAT 480	DBTND	Dibutyltin neodecanoate	≥94,7%	3465-75-6	S
BNT-CAT 490	DBTLM	Dibutyltin di(laurylmercaptide)	≥96,8%	1185-81-5	S



## DIOCTYL TIN CATALYSTS

Trade Name	Short Form	Product Name	Purity*	CAS Nr.	Application
BNT-CAT 500	DOTL	Dioctyltin dilaurate	≥93,8%	3648-18-8	A&S, P&C, B, S
BNT-CAT 510	DOTO	Dioctyltin oxide	≥97,9%	870-08-6	B, O
BNT-CAT 515	DOTO wet	Dioctyltin oxide (wet)	≥97,9%	870-08-6	P&C
BNT-CAT 525	DOTM/Tol	Dioctyltin maleate solution in toluene	≥97,7%	16091-18-2	F&E
BNT-CAT 531	DOTHTG	Dioctyltin bis(2-ethylhexylthioglycolate)	≥95,6%	15571-58-1	S
BNT-CAT 550	DOTEH	Dioctyltin bis(2-ethylhexanoate)	≥98,4%	24577-34-2	A&S, B
BNT-CAT 560	DOTND	Dioctyltin neodecanoate	≥97,1%	68299-15-0	A&S
BNT-CAT 570	DOTA	Dioctyltin diacetate	≥97,7%	17586-94-6	A&S
BNT-CAT 590	DOTLM	Dioctyltin lauryl mercaptide	≥96,2%	22205-30-7	A&S, B



## TRIBUTYL TIN CATALYSTS

Trade Name	Short Form	Product Name	Purity*	CAS Nr.	Application
TBTCL	TBTCL	Tributyltin chloride	≥95,0%	1461-22-9	API
TBTO	TBTO	Bis(tributyltin oxide)	≥97,0%	56-35-9	API



## GLASS COATING PRODUCTS

Trade Name	Short Form	Product Name	Purity*	CAS Nr.	Application
BNT-COAT 100	MBTCl <sub>3</sub>	Butyltin trichloride	≥98,5%	1118-46-3	HEC
BNT-COAT 257	SnCl <sub>4</sub> stabilized	Tin tetrachloride, stabilized	≥99,9%	7646-78-8	HEC
Polyglas D4218/M	D4218/M	Polyglas D4218/M		69011-36-5	CEC



## BUTYL CHLORIDES

Trade Name	Short Form	Product Name	Purity*	CAS Nr.	Application
n-BuCl	n-BuCl	n-Butyl chloride	≥99,5%	109-69-3	OS
s-BuCl	s-BuCl	s-Butyl chloride	≥99,5%	78-86-4	OS

\*Relates to catalyst species

## LEGEND

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<b>B</b>	Binders
<b>A&amp;S</b>	Adhesives and Sealants
<b>P&amp;C</b>	Paints and Coatings
<b>O</b>	Oleochemistry
<b>T</b>	Textiles
<b>S</b>	Stabilizers
<b>F&amp;E</b>	Foams and Elastomers
<b>API</b>	API and Intermediates Manufacture
<b>HEC</b>	Hot-End Glass Coating
<b>CEC</b>	Cold-End Glass Coating
<b>OS</b>	Organic Synthesis

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