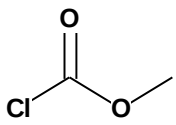
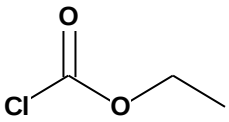
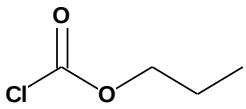
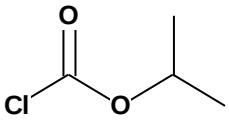
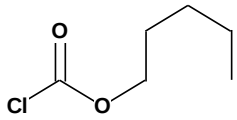
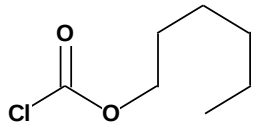
Multi Customer Products

Structure	Identification	Characteristics	Main Applications	On Request (OR) / Regular Production (RP)
Phosgene derivatives				
	Methyl chloroformate MCF, Methyl chlorocarbonate, Chloroformic acid methyl ester CAS Reg. No. 79-22-1	Assay: min. 99% by area Appearance: colourless to pale yellow liquid Packaging: 160 kg drum, ISO tank	Organic reagent for introduction of the methoxycarbonyl group, synthesis of carbonates, carbamates, anhydrides etc.	RP
	Ethyl chloroformate ECF, Ethyl chlorocarbonate, Chloroformic acid ethyl ester CAS Reg. No. 541-41-3	Assay: min. 98.5% by area Appearance: colourless to pale yellow liquid Packaging: 160 kg drum, ISO tank	Organic reagent for introduction of the ethoxycarbonyl group, synthesis of carbonates, carbamates, anhydrides etc.	RP
	n-Propyl chloroformate nPCF, n-Propyl chlorocarbonate, Chloroformic acid propyl ester CAS Reg. No. 109-61-5	Assay: min. 98% by area Appearance: colourless to pale yellow liquid Packaging: ISO tank	Organic reagent for introduction of the n-propoxycarbonyl group, synthesis of carbonates, carbamates, anhydrides etc.	OR
	Isopropyl chloroformate iPCF, 2-Propylchloroformate, Chloroformic acid isopropyl ester CAS Reg. No. 108-23-6	Assay: min. 98.5% by area Appearance: clear colourless to pale yellow liquid Packaging: ISO tank	Organic reagent for introduction of the isopropoxycarbonyl group, synthesis of carbonates, carbamates, anhydrides etc.	OR
	n-Pentylchloroformate n-Pentylchlorocarbonate, Chloroformic acid pentyl ester CAS Reg. No. 638-41-5	Assay: min. 98.5% by area Appearance: colourless liquid Packaging: 190 kg drum	Organic reagent for introduction of the n-pentoxycarbonyl group, synthesis of carbonates, carbamates, anhydrides etc.	OR
	n-Hexylchloroformate HCF, n-Hexylchlorocarbonate, Chloroformic acid hexyl ester CAS Reg. No. 6092-54-2	Assay: 96.0 – 102.0% Appearance: clear colourless to yellow liquid Packaging: 190 kg drum	Organic reagent for introduction of the n-hexyloxycarbonyl group, synthesis of carbonates, carbamates, anhydrides etc.	OR

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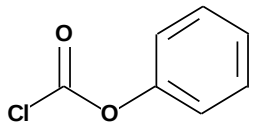
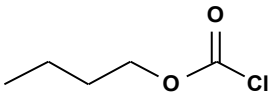
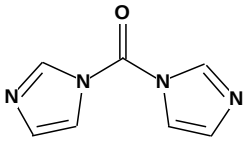
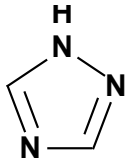
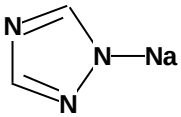
Structure	Identification	Characteristics	Main Applications	On Request (OR) / Regular Production (RP)
	Phenyl chloroformate Phenyl chlorocarbonate, Chloroformic acid phenyl ester CAS Reg. No. 1885-14-9	Assay: min. 99.0% by area Appearance: colourless to pale coloured liquid Packaging: 240 kg drum, ISO tank	Organic reagent for introduction of the phenoxycarbonyl group, synthesis of carbonates, carbamates, anhydrides etc.	OR
	n-Butylchloroformate CAS Reg. No. 592-34-7	Assay: min. 99.0% Appearance: clear, colourless to slightly yellowish liquid Packaging: 190 kg drum	mining industry,flotation agents and depressants, automotive industry	OR
	Carbonyldiimidazole 1,1'-Carbonylbis(imidazole), CDI, CBI CAS Reg. No. 530-62-1	Assay: min. 98.0% by area Appearance: white to pale coloured solid Packaging: 10 kg drum, 20 kg drum, 25 kg drum, 50 kg drum	Versatile organic reagent, safer-to-handle phosgene equivalent, activator for carboxylic acids etc.	OR

Triazole and Triazol derivatives

	1,2,4-Triazole CAS Reg. No. 288-88-0	Assay: min. 99.5% by area Appearance: white to pale yellow flakes Packaging: 100 kg fibre drum	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	RP
	1,2,4-Triazole sodium salt Sodium 1,2,4-triazolide CAS Reg. No. 41253-21-8	Assay: min. 98.5% Appearance: colourless to yellow solid Packaging: big bag (quantity tbd)	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	OR

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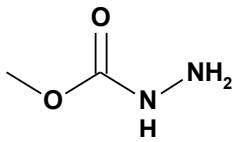
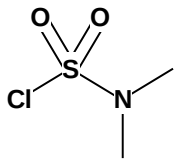
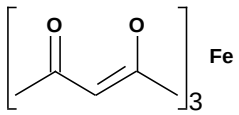
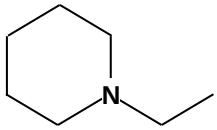
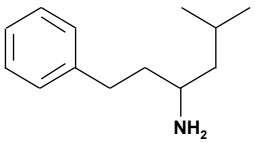
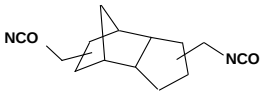
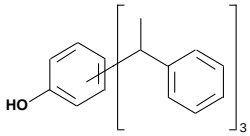
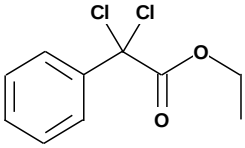
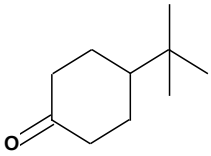
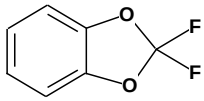
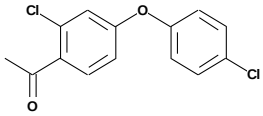
Structure	Identification	Characteristics	Main Applications	On Request (OR) / Regular Production (RP)

Other Reagents and Building Blocks

	Methyl carbazate Methyl hydrazinocarboxylate, Methoxycarbonyl hydrazine CAS Reg. No. 6294-89-9	Assay: min. 97.0 % by area Appearance: white to pale pink coloured crystalline powder Packaging: 25 kg fibre drum	Organic reagents for transfer of the hydrazine group, protecting group for carbonyl functions etc.	OR
	Dimethylaminosulfonyl chloride N,N-Dimethylaminosulfa-moyl chloride CAS Reg. No. 13360-57-1	Assay: min 98.0 % by area Appearance: Yellowish to green liquid Packaging: 250 kg drum	Reagent for the introduction of the N,N-dimethylsulfamoyl group	OR
	Tris(2,4-pentanedionato)-iron Iron(III) acetylacetonate, Ferric tris(acetylacetonate) CAS Reg. No. 14024-18-1	Assay: Fe min. 15.0% Appearance: red, crystalline powder Packaging: 12 kg PE hob-bock	Lewis-acidic catalyst für Grignard reactions, cross-coupling reactions, chlorinations, polymerizations, polymer curing (replacement for organotin catalysts); also used in chemical vapour deposition and for nano materials	OR
	N-Ethylpiperidine 1-Ethylpiperidine CAS Reg. No. 766-09-6	Assay: min. 99.6% by area Appearance: colourless to light yellow liquid Packaging: 160 kg rolling channel drum, rail tanker, ISO tank	Building block, sterically hindered base, tertiary amine	OR
	3-Methyl-1-phenethyl-butylamine Phenylmethylhexylamine, α-(2-Methylpropyl)-ben-zenepropanamine CAS Reg. No. 6396-93-6	Assay: min. 99.0 % by area Appearance: colourless to yellowish liquid or solidified melt Packaging: 180 kg rolling channel drum	Building block, base, sterically hindered by flexible primary amine	OR

Multi Customer Products

Structure	Identification	Characteristics	Main Applications	On Request (OR) / Regular Production (RP)
	TCDDI Bis(isocyanatomethyl) tricyclo[5.2.1.02'6]decane, Octahydro-1,5(1,6 or 2,5)-bis(isocyanatomethyl)-4,7-methano-1H-indene CAS Reg. No. 28807-72-9	Assay: min. 97% Appearance: colourless to light yellow liquid Packaging: 50 kg composite drum with inside container	Diisocyanate with a rigid backbone for polymer applications	OR
	Tristyrenated Phenol CAS Reg. No. 61788-44-1, 18254-13-2, 25640-71-5	Assay: 60 - 75 % Appearance: Colourless to pale yellow, highly viscous liquid Packaging: 200 kg rolling channel drum, ISO tank	Intermediate for production of surfactants	OR
	DCPAE α,α-Dichlorobenzene-acetic acid ethyl ester, Ethyl 2,2-dichloro-2-phenylacetate CAS Reg. No. 5317-66-8	Assay: min. 96.0 % (m) Appearance: Clear, colourless to yellowish liquid. Packaging: 240 kg rolling channel drum, 1000 kg IBC, ISO tank	Catalyst activator used with olefin polymerization catalysts	OR
	4-tert-Butylcyclohexanone CAS Reg. No. 98-53-3	Assay: min. 99,0 % Appearance: At room temperature colourless to light yellowish crystals. At temperatures > 45 °C colourless to yellowish clear liquid. Packaging: ISO tank	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals, flavour and fragrance in food and household products, polymer component in ink, paint, resins, dystuffs, coatings and as additive in lithium batteries	OR
	2,2-Difluoro-1,3-benzodioxole CAS Reg. No. 1583-59-1	Assay: min. 98.0 % Appearance: Colourless to yellow liquid. Packaging: ISO Container	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	OR
	2-Chloro-4-(4-chlorophen-oxy)acetophenone 4-Acetyl-3,4'-dichlorodi-phenylether, ADCPE CAS Reg. No. 119851-28-4	Assay: min. 97.0% Appearance: Yellow to brown (solidified) melt Packaging: ISO tank	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	OR

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Multi Customer Products

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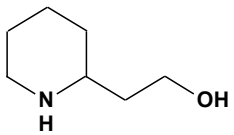
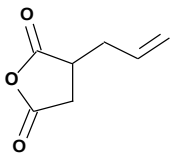
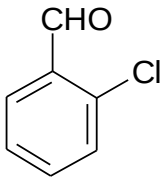
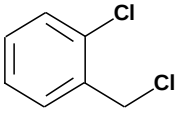
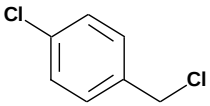
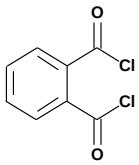
	2-Piperidineethanol HEPP, 2-(2-Hydroxyethyl)-piperidine CAS Reg. No. 1484-84-0	Assay: min. 99,0% Appearance: Pale wax-like, white to yellowish solid matter or liquid Packaging: UN1A1 steel drum TH 216,5L	Building Block, secondary amine	OR
	Allylsuccinic anhydride ABSA, (2-Propenyl)butanedioic anhydride CAS Reg. No. 7539-12-0	Assay: min. 98% Appearance: Clear, colourless to slightly yellowish liquid Packaging: 200 kg drum	Building block for specialty polymers, in electrolytic compositions	OR
	o-Chlorobenzaldehyde 2-Chlorobenzaldehyde CAS Reg. No. 89-98-5	Assay: min. 99.0% Appearance: Clear, colourless to slightly yellowish liquid Packaging: ISO Container	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	OR
	o-Chlorobenzyl chloride oCBC, 2-Chlorobenzyl chloride CAS Reg. No. 611-19-8	Assay: min. 99.0% (area) Appearance: Clear to pale yellow liquid Packaging: ISO Container	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	OR
	p-Chlorobenzyl chloride pCBC, 4-Chlorobenzyl chloride CAS Reg. No. 104-83-6	Assay: min. 99.0% Appearance: Colourless crystalline solid or clear liquid (mp 29 °C) Packaging: ISO Container	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	OR
	Phthalic dichloride PDC, Phthaloyl dichloride CAS Reg. No. 88-95-9	Assay: min. 96% (a/a) Appearance: Colourless to yellow-brownish liquid Packaging: ISO Container (approx. 25 mt), 250 kg drums	Intermediate for agrochemicals, pharmaceuticals ,specialty polymers and other fine chemicals	OR

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Multi Customer Products

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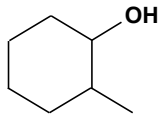
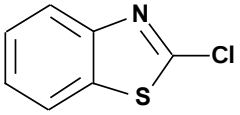
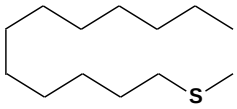
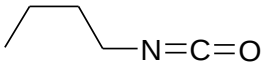
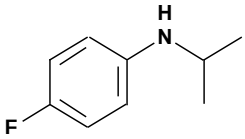
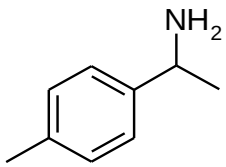
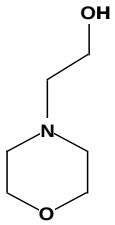
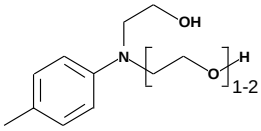
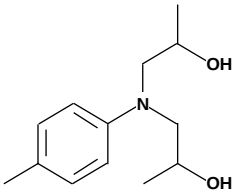
	2-Methylcyclohexanol 2-MCH CAS Reg. No. 583-59-5	Assay: min. 98.0% Appearance: Clear colourless to yellow-brownish liquid with camphor-like odour Packaging: ISO Container (drums and IBCs upon request)	Intermediate for agrochemicals, pharmaceuticals , other fine chemicals and specialty solvents (i.e. 2-MCH acetate)	OR
	2-Chlorobenzothiazole 2-CBT, 2-Benzothiazolyl chloride CAS Reg. No. 615-20-3	Assay: min. 99.0% Appearance: Colourless to pale yellow liquid with characteristic odour Packaging: ISO Container	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	OR
	Dodecyl methyl sulfide DOMESU CAS Reg. No. 3698-89-3	Assay: min. 99.0% Appearance: light to slightly turbid liquid Packaging: 900 kg IBC	virtually odourless substitute for lower dialkylsulfides (in thiol exchange reactions, Corey-Kim oxidations, Swern oxidations, hydroborations etc.); in flavours & fragrances; for catalyst sulfidation	OR
	n-Butylisocyanate CAS Reg. No. 111-36-4	Assay: min. 99.0% Appearance: Clear, colourless liquid Packaging: 180 kg drum	Fungicide PBC (Propagylbutylcarbamate)	OR
	FI-Anline 4-Isopropylfluoroaniline CAS Reg. No. 70441-63-3	Assay: min. 96.0% Appearance: Yellowish to brownish liquid Packaging: ISO Container	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	OR

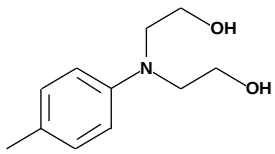
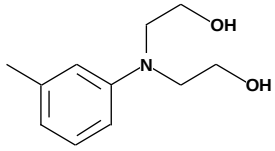
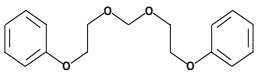
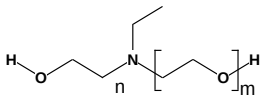
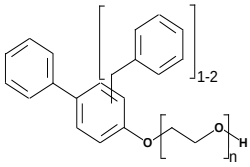
Multi Customer Products

Structure	Identification	Characteristics	Main Applications	On Request (OR) / Regular Production (RP)
	p-Methylphenethylamine (1-(4-Methylphenyl)ethanamine CAS Reg. No. 586-70-9	Assay: min. 97.5% Appearance: Colourless one to easily yellowish liquid Packaging: ISO Container	Intermediate for agrochemicals, pharmaceuticals and other fine chemicals	OR
	n-Hydroxyethyl-morpholine HEM 4-(2-Hydroxyethyl)morpholine 2-morpholinoethanol CAS-Nr. 622-40-2	Assay: min. 99.0% (area) Appearance: Clear colourless to dark brown liquid Packaging: 200 kg steel drum, 1000 kg IBC	Intermediate for pharmaceuticals and other fine chemicals	OR

Polymer Additives and Functional Products

	Accelerator PT25E/2 N,N-Bis(2-hydroxyethyl)-p-toluidine (over-ethoxylated) CAS Reg. Nr. 3077-12-1, 878391-30-1	Assay: 46-52% by area, Hydroxy value 460-540 mg KOH/g, Amine value 240-270 mg KOH/g Appearance: Light yellow to brown liquid Packaging: 25 kg steel can, 200 kg steel drum, IBC 1000 kg	Liquid curing agent for epoxy resins	OR
	Dipropoxy-p-toluidine Diisopropanol-p-toluidine, N,N-Bis(2-hydroxypropyl)-p-toluidine CAS Reg. No. 38668-48-3	Assay: min. 96% Appearance: pale yellow, solidified melt Packaging: 25 kg steel can, 50 kg steel can, 190 kg steel drum	Curing agent for epoxy resins	OR

Multi Customer Products

Structure	Identification	Characteristics	Main Applications	On Request (OR) / Regular Production (RP)
	N,N-Dihydroxyethyl-p-toluidine DEPT, N-(p-Tolyl)diethanolamine, Diethylol-p-toluidine, PT 2HE CAS Reg. No. 3077-12-1	Assay: min. 97% Appearance: pale to yellow-brown, liquid to fused, crystalline product Packaging: 25 kg steel can, 200 kg steel drum	Curing agent for epoxy resins	OR
	N,N-Dioxethyl-m-toluidine Diethylol-m-toluidine, N-(m-Tolyl)diethanolamine CAS Reg. No. 91-99-6	Assay: min. 96% Appearance: white to light beige solid Packaging: 25 kg steel can, 190 kg steel drum	Curing agent for epoxy resins	OR
	Bis-(2-phenoxyethyl)-formal Bis(2-phenoxyethoxy)methane, Bis(phenoxyethyl)-formal CAS Reg. No. 13879-32-8	Appearance: clear, colourless to pale yellow liquid Packaging: 225 kg PE barrel	Phthalate-free plasticizer for polymers, coatings etc.	OR
	Polyether E719 Ethylamine-ethylene oxide polymer CAS Reg. No. 26795-68-6	Hydroxyl number: 475-505 mg KOH/g Appearance: dark red to dark brown liquid Packaging: 200 kg rolling channel drum; 1000 kg IBC	Polyetheramine-based plasticizer for chloroethylene-based polymers; emulsifier for butadiene emulsion polymerization	OR
	Emulsifier W Emulgator W, 4-Hydroxy-biphenyl benzylated and ethoxylated CAS Reg. No. 104376-72-9	Hydroxyl number: min 71 mg KOH/g Appearance: yellow-brown, viscous liquid Packaging: 60 kg steel hobbock, 230 kg rolling channel drum, 1000 kg IBC, road tanker, ISO tank	Versatile emulsifier with applications in emulsion polymerization, agro-chemical formulation etc.	RP

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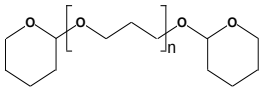
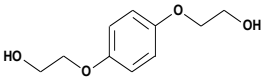
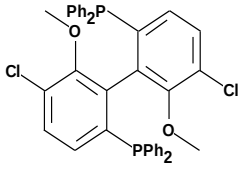
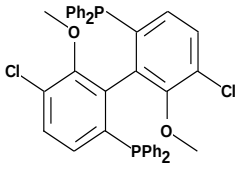
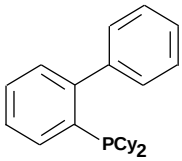
Structure	Identification	Characteristics	Main Applications	On Request (OR) / Regular Production (RP)
	α,ω-Bis(tetrahydro-2H-pyran-2-yl)-poly[oxy(methyl-1,2-ethanediyl)]; Poly[oxy(methyl-1,2-ethanediyl)], α-(Tetrahydro-2H-pyran-2-yl)-ω[(tetrahydro-2H-pyran-2-yl)oxy]- CAS Reg. No. 115341-08-7	Hydroxyl number max. 20 mg KOH/g Appearance: Colourless liquid Packaging: 100 kg rolling channel drum, 750 kg IBC	Polymer additive, used to increase radiation stability of polycarbonates	OR
	Crosslinker 30/10 HQEE, Hydroquinone bis(2-hydroxyethyl) ether, 2,2'-(1,4-Phenylenedioxy)-diethanol CAS Reg. No. 104-38-1	Appearance: White to weakly grey pastilles Packaging: 140 kg PE drum with inner bag	Polymer chain extender	OR

Ligands for homogenous Catalysis

	(S)-Cl-MeO-BIPHEP CAS Reg. No. 185913-98-8	Assay: > 96 % Appearance: yellowish solid Packaging: glass bottle	Ligand for transition-metal catalyzed asymmetric reactions, e.g. hydrogenation	OR
	(R)-Cl-MeO-BIPHEP CAS Reg. No. 185913-97-7	Assay: > 96 % Appearance: yellowish solid Packaging: glass bottle	Ligand for transition-metal catalyzed asymmetric reactions, e.g. hydrogenation	OR
	Cy-JohnPhos (1,1'-Biphenyl-2-yl)dicyclo-hexylphosphine CAS Reg. No. 247940-06-3	Assay: > 97 % Appearance: white crystal-line solid Packaging: glass bottle	Ligand for transition-metal catalyzed reactions, e.g. Buchwald-Hartwig amination	OR

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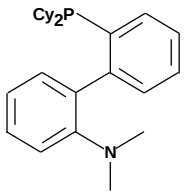
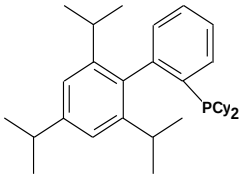
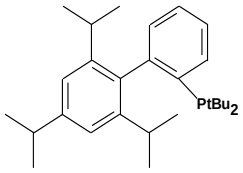
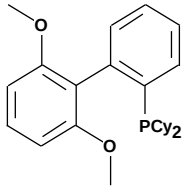
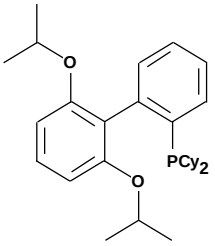
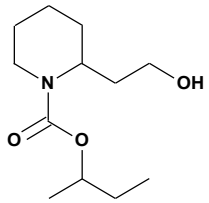
Structure	Identification	Characteristics	Main Applications	On Request (OR) / Regular Production (RP)
	DavePhos (2-Dimethylamino-1,1'-biphenyl-2-yl)dicyclohexylphosphine CAS Reg. No. 213697-53-1	Assay: > 97 % Appearance: crystalline solid Packaging: glass bottle	Ligand for transition-metal catalyzed reactions, e.g. Buchwald-Hartwig amination	OR
	X-Phos 2',4',6'-Triisopropyl-1,1'-biphenyl-2-yldicyclohexylphosphine CAS Reg. No. 564483-18-7	Assay: > 97 % Appearance: powder Packaging: glass bottle	Ligand for transition-metal catalyzed reactions, e.g. Buchwald-Hartwig amination	OR
	t-BuXPhos Di-tert-butyl(2',4',6'-triisopropylbiphenyl)-2-yl)phosphine CAS Reg. No. 564483-19-8	Assay: > 97 % Appearance: solid Packaging: glass bottle	Ligand for transition-metal catalyzed reactions, e.g. Buchwald-Hartwig amination	OR
	S-Phos (2,6-Dimethoxy-1,1'-biphenyl-2-yl)dicyclohexylphosphine CAS Reg. No. 657408-07-6	Assay: > 97 % Appearance: white crystalline solid Packaging: glass bottle	Ligand for transition-metal catalyzed reactions, e.g. Buchwald-Hartwig amination	OR
	RuPhos 2-(Dicyclohexylphosphino)-2',6'-diisopropoxy-1,1'-biphenyl CAS Reg. No. 787618-22-8	Assay: > 97 % Appearance: white crystalline powder Packaging: glass bottle	Ligand for transition-metal catalyzed reactions, e.g. Buchwald-Hartwig amination	OR

Structure	Identification	Characteristics	Main Applications	On Request (OR) / Regular Production (RP)

Saltidin® Active Ingredient for Insect Repellent Products

	Saltidin® Icaridin, Picaridin; 1-Methylpropyl 2-(2-hydroxyethyl)-1-piperidine-carboxylate CAS Reg. No. 119515-38-7	Assay: min. 97,0% Appearance: Clear, colourless to brownish liquid Packaging: UH1H1, tight head drum 220 L, UN6HA1 steel/PE comp. can 60L,	Insect repellent active ingredient for insect repellent products for skin application http: www.Saltidin.com	RP

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