

Product list

Category	Product name	Molecular formula	Cas no.	Characteristics	Key applications	Company	Plants	
Basic chemicals	Polysilicon	Si	7440-21-3	Dark-grey chips or chunks, 10-nine and 11-nine purity	Key material for solar cells and semiconductor wafers	OCI	Gunsan, Korea / Sarawak, Malaysia	
	Hydrogen peroxide	H ₂ O ₂	7722-84-1	Colorless liquid	Bleach, disinfectants	OCI / Philko Peroxide	Iksan, Korea / Makati City, Philippines	
	Sodium percarbonate (Sodium carbonate peroxyhydrate)	2Na ₂ CO ₃ ·3H ₂ O ₂	15630-89-4	White powder	Bleach, disinfectants	OCI / OCI Alabama	Iksan, Korea / Alabama, USA	
	Hydrogen peroxide	H ₂ O ₂	7722-84-1	Colorless liquid	Cleaning solution	OCI	Iksan, Korea	
	Phosphoric acid	H ₃ PO ₄	7664-38-2	Colorless liquid, 75% and 85% purity	Semiconductor metal-surface finishing, additives	OCI	Gunsan, Korea	
	Electronic, Catalyzing, Chemical reagents		4109-96-0			OCI	Incheon, Korea	
	Fumed silica	SiO ₂	7631-86-9	White powder, >99.8% purity	Filling and reinforcing agent for sealants, rubber goods, and paints; slurry, insulation	OCI / Tangshan OCI Chemical	Gunsan, Korea / Tangshan, China	
	High purity silicon tetrachloride	SiCl ₄	10026-04-7	Colorless liquid	Fumed silica, optical fiber, quartz	OCI	Gunsan, Korea	
	Caustic soda, Sodium hydroxide	NaOH	1310-73-2	Colorless liquid, >50%, 32.8%~33.2%, >25% purity	Fiber cleaners, food seasonings, pharmaceutical	OCI	Gunsan, Korea	
	Hydrochloric acid	HCl	7647-01-0	Colorless or light-yellow liquid, 35%~36% purity	Wastewater treatments, catalysts, solvents	OCI	Gunsan, Korea	
	Sodium hypochlorite	NaOCl	7681-52-9	Greenish-yellow liquid, >12.6% purity	Bleach, dyes, pigments	OCI	Gunsan, Korea	
	Calcium chloride	CaCl ₂	10043-52-4	White solid crystalline powder, 74%	Deicing agent, desiccant, accelerator, road surfacing, food additives	OCI	Incheon, Korea / Trading business	
	Vinyl acetate monomer	C ₄ H ₆ O ₂	108-05-4	Colorless liquid	Paint, PVA, EVA, adhesive	OCI	Trading business	
	Sodium aluminosilicate	Na ₂ O·2SiO ₂ ·Al ₂ O ₃ ·4.5H ₂ O	1318-02-1	White powder	Detergents, cleaner, softner	OCI	Trading business	
	Silica sand	SiO ₂	7631-86-9	Colorless or white solid	Glass, casting material	OCI	Trading business	
	Sodium sulphate anhydrous	Na ₂ SO ₄	7757-82-6	Odorless white hygroscopic powder	Glass, detergents, dyes, pulp, pigments, pharmaceuticals	OCI	Trading business	
	Acetic acid	CH ₃ COOH	64-19-7	Colorless liquid	Vinyl acetate, VAM, PTA	OCI	Trading business	
	Soda ash, Sodium carbonate	Na ₂ CO ₃	497-19-8	Odorless white powder	Glass, soap, detergents, food processing, textiles, paper, chemicals	OCI	Trading business	
	Sodium chlorite	NaClO ₂	7758-19-2	Light-yellow liquid	Bleach, disinfectant, oxidant, chemical reagent	OCI	Trading business	
	Ammonium chloride	NH ₄ Cl	12125-02-9	Odorless white powder	Spent catalyst, solvent, food additives	OCI	Trading business	
	Urea	CO(NH ₂) ₂	57-13-6	Colorless or white solid (or liquid)	Coagulant, accelerator, solvent, dyes, desiccant	OCI	Trading business	
	Refined salt	NaCl	7647-14-5	Odorless solid	Food additives, fabric dyes	OCI	Trading business	
	Sodium hydrosulfite	Na ₂ S ₂ O ₄	7775-14-6	White powder	Oxidizer, reducer, bleach	OCI	Trading business	
	PVA (Polyvinyl alcohol)	(C ₂ H ₄ O) _n	9002-89-5	Odorless white powder	Adhesive, emulsion stabilizer, binder, thickening agent	OCI	Trading business	
	Sodium bicarbonate	NaHCO ₃	144-55-8	Odorless white powder	Food additives, feed, leather, pharmaceuticals, baking powder, soap	OCI	Trading business	
	Slim rod	Si	7440-21-3	Ingot of 8.3 mm diameter and 2,400 mm length, >99% purity	Seed material for polysilicon manufacturing	OCI Specialty	Cheonan, Gongju, Korea	
	Ingot	Si	7440-21-3	Ingot of 190 mm diameter and 2,700 mm length, >99% purity	Basic material for silicon wafers	OCI Specialty	Cheonan, Korea	
	Wafer	Si	7440-21-3	Thin slabs of silicon sliced from silicon ingots, >99% purity		OCI Specialty	Gongju, Korea	
	Silicon metal	Si	7440-21-3	Grey metallic solid, >99% purity	Polysilicon, organic silicon, additives for aluminum alloys	Elpion Silicon	Banting, Malaysia	
	BPMC (2-sec Butyl phenyl methyl carbamate, Fenobucarb)	C ₁₇ H ₁₇ NO ₂	3766-81-2	Light-yellow liquid, >96% purity	Carbamate insecticide for rice and cotton crops	OCI Vietnam	Binh Duong, Vietnam	
	Frit, Composition, Printing powder		7783-82-6	Granules and powder	Glaze for tile and ceramics	OCI Ferro	Ansan, Korea	
	Stain		7631-86-9	Powder	Pigment for tile and ceramics	OCI Ferro	Ansan, Korea	
Medium	Si	3766-81-2	Viscous liquid	Printing powder	OCI Ferro	Ansan, Korea		
Petrochemicals & carbon materials	Carbon black	C	1333-86-4	Fine carbon powder	Pigment and reinforcing agent for rubbers, inks, and electrical insulation	OCI / OCI-Jiayang Carbon Black	Pohang, Gwangyang, Korea / Shandong, China	
	TDI (Toluene di-isocyanate)	CH ₃ C ₆ H ₃ (NCO) ₂	91-08-07	Colorless liquid, 1.22 g/cm ³ density	Polyurethane products	OCI	Gunsan, Korea	
	Naphthalene	C ₁₀ H ₈	91-20-3	Colorless solid, 95% purity	Dye chemicals	OCI / Shandong OCI / Ma Steel OCI Chemical	Pohang, Gwangyang, Korea / Shandong, Anhui, China	
	Isoquinoline	C ₉ H ₇ N	119-65-3	Colorless or light-yellow oil, 98% purity	Polyimide film	OCI	Gwangyang, Korea	
	Indene oil	C ₉ H ₈	95-13-6	Light-tan oil, 50% purity	Cumaronone resin	OCI	Pohang, Gwangyang, Korea	
	Xylenol	(CH ₃) ₂ C ₆ H ₃ OH	1300-71-6	Colorless or light-tan oil, 80% purity	Synthetic resins, solvents	OCI	Pohang, Korea	
	Quinoline	C ₈ H ₇ N	91-22-5	Colorless or light-yellow oil, 98% purity	Disinfectants, herbicide	OCI	Gwangyang, Korea	
	Cresol	C ₇ H ₈ O	108-39-4	Colorless or light-pink oil, 70% purity	Insecticides, synthetic resins, solvents	OCI	Pohang, Korea	
	Phenol	C ₆ H ₆ O	108-95-2	Colorless or light-pink oil, 95% purity	Solvents, phenolic resin	OCI	Pohang, Korea	
	Pitch	-	65996-93-2	Black solid	Binder for aluminum smelting	OCI / Shandong OCI / Ma Steel OCI Chemical	Pohang, Gwangyang, Korea / Shandong, Anhui, China	
	Wash oil	C ₁₁ H ₁₀	91-57-6	Yellowish-brown oil, 30% methylnaphthalene	Synthetic resins, solvent	OCI / Shandong OCI	Pohang, Gwangyang, Korea / Shandong, China	
	Plasticizer (DOP)	C ₂₄ H ₃₈ O ₄	177-81-7	Colorless liquid	Petrochemical feedstock	OCI	Pohang, Korea	
	Phthalic anhydride	C ₈ H ₄ O ₃	85-44-9	Colorless solid	Petrochemical feedstock	OCI	Pohang, Korea	
	Benzene	C ₆ H ₆	71-43-2	Colorless or light-yellow aromatic compound	Petrochemical feedstock	OCI	Gwangyang, Korea	
	Aromatic polyester polyol	(C ₁₂ H ₁₂ O ₃) _n	32472-85-8	Light-brown liquid	Petrochemical feedstock	OCI	Goedong, Korea	
	Mixed xylene	C ₈ H ₈ (CH ₃) ₂		Colorless or light-yellow aromatic compound	Petrochemical feedstock	OCI	Gwangyang, Korea	
	Toluene	C ₆ H ₅ CH ₃	108-88-3	Colorless or light-yellow aromatic compound	Petrochemical feedstock	OCI	Gwangyang, Korea	
	Carbon black oil		8001-58-9	Yellowish-brown oil	Carbon black	Shandong OCI	Shandong, China	
	Creosote		8001-58-9	Yellowish-brown oil	Carbon black, wood preservatives	Shandong OCI	Shandong, China	
	Decant oil	C ₆ H ₅ CH ₃	71-43-2	Highly volatile colorless liquid, 60% benzene/ 40% toluene	Synthetic resins	Shandong OCI	Shandong, China	
	Energy solutions & others	Solar PV energy development and operation				Utility-scale solar PV plant construction, operation and electricity sales	OCI Solar Power	Texas, USA
		Solar PV energy development and operation				Distributed solar PV plant construction, operation and electricity sales	OCI Solar (China)	Jiaxing, Hongze, Wuxi, Yantai, China
Solar modules					Solar module manufacturing	Mission Solar Energy	Texas, USA	
Solar trackers					Dual-axis solar tracker manufacturing	Sun Action Trackers	Texas, USA	
Electricity, Steam					Electricity	OCI SE	Gunsan, Korea	
Fumed silica vacuum insulation panels				Ultra-high-efficiency insulation material	OCI	Iksan, Korea		