

Main Category	Sub Category		
Nano Carbon	single-walled carbon nanotubes (SWCNTs) *		
	multi-walled carbon nanotubes (MWCNTs) *		
	Carbon black (CAS 7440-44-0) *		
	fullerenes (C60) *		
	C70 fullerene		
	C76 fullerene		
	C84 fullerene		
Polymers specifically synthesized to exploit nanoproperties	C90 fullerene		
	C94 fullerene		
Dendrimers *	Polystyrene *		
	Polyamidoamine (PAMAM)		
	Polyethylene imine		
	Ferrocenyl		
Components of Quantum Dots	Polyglycerol		
	Aluminum Antimony		-
	Barium Titanate	CAS	12047-27-7
	Cadmium selenide	CAS	1306-24-7
	Cadmium Selenium Telluride		
	Cadmium sulfide	CAS	1306-23-6
	Cadmium Telluride	CAS	1306-25-8
	Gallium Antimony		-
	Gallium antimony/ Gallium arsenide		-
	Gallium Arsenide	CAS	1303-00-0
	Gallium arsenide antimony		
	Gallium nitride	CAS	25617-97-4
	Germanium carbide	CAS	12334-26-8
	Indium Arsenide	CAS	1303-11-3
	Indium Arsenide Antimony		-
	Indium Arsenide/ Gallium arsenide		-
	Indium Gallium Arsenide		-
	Indium Gallium Nitride		-
	Indium phosphide	CAS	22398-80-7
	Indium tin oxide		-
Lead selenide	CAS	12069-00-0	
Lead sulfide		-	
Mercury telluride	CAS	12068-90-5	
Silicon germanium		-	
Zinc oxide	CAS	1314-13-2	
Zinc selenide	CAS	1315-09-9	
Zinc sulfide	CAS	1314-98-3	
Inorganic Nanomaterials (in Alphabetical Order)	Aluminosilicates		-
	Aluminum nitride	CAS	24304-00-5
	Aluminum borate	CAS	61279-70-7
	Aluminum hydroxide	CAS	20768-67-6
	Aluminum Magnesium		-
	Aluminum oxide *	CAS	1344-28-1
	Aluminum oxides		-
	Aluminum silicate		-

Attachment 2 - Indicative list of nanomaterials.xls

Main Category	Sub Category		
	Aluminum Titanium Oxide		-
	Antimony tetraoxide	CAS	1332-81-6
	Antimony oxides		-
	Antimony Tin Oxide		-
	Apatite		-
	Arsenic composite		-
	Barium Ferrite		-
	Barium fluoride	CAS	7787-32-8
	Barium hexaaluminate		-
	Barium hexaferrite		-
	Barium hydroxyapatite		-
	Barium Strontium Titanate		-
	Barium Sulfate	CAS	7727-43-7
	Barium Titanate	CAS	12047-27-7
	Barium Zirconium Titanate		-
	Bismuth germinate		-
	Bismuth nanoparticle (elemental)		-
	Bismuth oxide	CAS	12048-50-9
	Bismuth oxides		-
	Bismuth tantalite		-
	Bismuth telluride	CAS	1304-82-1
	Bismuth titanate	CAS	11115-71-2
	Boron carbide	CAS	12069-32-8
	Boron nitride	CAS	10043-11-5
	Cadmium mercury telluride		-
	Cadmium nanoparticles (elemental)		-
	Cadmium phosphide		-
	Cadmium selenide	CAS	1306-24-7
	Cadmium selenide/Zinc sulfide		-
	Cadmium sulfide	CAS	1306-23-6
	Cadmium telluride	CAS	1306-25-8
	Cadmium telluride/Cadmium sulfide		-
	Calcium carbonate		-
	Calcium hydroxide	CAS	1305-62-0
	Calcium oxide	CAS	1305-78-8
	Calcium phosphate		-
	Calcium titanate		-
	Cerium Copper Oxide		-
	Cerium Gadolinium Oxide		-
	Cerium oxide *	CAS	1306-38-3
	Cerium- Terbium oxide		-
	Chromium hydroxide	CAS	1308-14-1
	Chromium nanoparticles (elemental)		-
	Chromium trioxide	CAS	1333-82-0
	Chromium oxides		-
	Cobalt nanoparticles (elemental)		-
	Cobalt monoxide	CAS	1307-96-6
	Cobalt oxides		-
	Cobalt-Iron Oxide		-
	Cobalt-Zinc Iron Oxide		-
	Copper nanoparticles (elemental)		-
	Copper Nickel Alloy		-
	Copper (II) oxide	CAS	1317-38-0
	Copper (I) oxide	CAS	1317-39-1

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Main Category	Sub Category		
	Copper (I) selenide	CAS	20405-64-5
	Copper (II) selenide	CAS	1317-41-5
	Copper telluride		-
	Copper Tin Alloy		-
	Erbium oxide	CAS	12061-16-4
	Europium iodide	CAS	22015-35-6
	Europium nanoparticles (elemental)		-
	Europium monoxide	CAS	12020-60-9
	Europium (III) trioxide	CAS	1308-96-9
	Ferric ferrocyanide (Prussian blue)		-
	Gadolinium biphthalocyanine		-
	Gadolinium Doped Ceria		-
	Gadolinium monoxide	CAS	62462-54-8
	Gadolinium (III) trioxide	CAS	12064-62-9
	Gallium Antimonide	CAS	12064-03-8
	Gallium arsenide	CAS	1303-00-0
	Gallium Nitride	CAS	25617-97-4
	Gallium oxide	CAS	12024-21-4
	Gallium phosphide	CAS	12063-98-8
	Germanium monoxide	CAS	20619-16-3
	Germanium oxides		-
	Gold nanoparticles(elemental)		-
	Gold oxide	CAS	1303-58-8
	Gold-iron-gold		-
	Hafnium Carbide	CAS	12069-85-1
	Hafnium Nitride	CAS	25817-87-2
	Hafnium Oxide	CAS	12055-23-1
	Indium arsenide	CAS	1303-11-3
	Indium gallium nitride		-
	Indium hydroxide	CAS	20661-21-6
	Indium nitride		-
	Indium oxide	CAS	1312-43-2
	Indium Oxide/Tin Oxide		-
	Indium Phosphite		-
	Indium sulphide		-
	Indium tin oxide		-
	Iron nanoparticle *		-
	Iron carbide	CAS	12011-67-5
	Iron Cobalt		-
	Iron Copper		-
	Iron Copper Tungsten		-
	Iron monoxide	CAS	1345-25-1
	Iron oxides		-
	Iron-boron		-
	Iron-nickel		-
	Laminin-apatite composite		-
	Lanthanum aluminum oxide		-
	Lanthanum chromite		-
	Lanthanum hydroxide		-
	Lanthanum oxide	CAS	1312-81-8
	Lanthanum oxyfluoride		-
	Lead monoxide	CAS	1317-36-8
	Lead oxides		-
	Lead selenide	CAS	12069-00-0

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Main Category	Sub Category		
	Lead sulfide	CAS	1314-87-0
	Lead telluride	CAS	1314-91-6
	Lead zirconate titanate		-
	Lithium Cobalt Nickel Oxide		-
	Lithium ferrite		-
	Lithium manganate		-
	Lithium Manganese Oxide		-
	Lithium Titanate	CAS	12031-82-2
	Magnesium Aluminum Oxide	CAS	12068-51-8
	Magnesium ferrite		-
	Magnesium hydroxide		-
	Magnesium oxide	CAS	1309-48-4
	Magnesium phosphate	CAS	7757-87-1
	Magnesium silicate		-
	Magnesium Zinc		-
	Manganese dioxide	CAS	1313-13-9
	Manganese oxides		-
	Molybdenum carbide	CAS	12069-89-5
	Molybdenum disulfide	CAS	1317-33-5
	Molybdenum nitride		-
	Molybdenum (VI) oxide	CAS	1313-27-5
	Molybdenum oxides		-
	Molybdenum selenide	CAS	12058-18-3
	Molybdenum Silicide		-
	Molybdenum sulfide		-
	Molybdenum trioxide	CAS	1313-27-5
	Neodymium oxalate		-
	Neodymium oxide	CAS	1313-97-9
	Nickel Iron Oxide		-
	Nickel nanoparticles (elemental)		-
	Nickel monoxide	CAS	1313-99-1
	Nickel oxides		-
	Nickel zinc ferrite		-
	Nickel Zinc Iron Oxide		-
	Nickel-tungsten sulfide		-
	Niobium monoxide	CAS	12034-57-0
	Niobium oxides		-
	Palladium nanoparticles (elemental)		-
	Platinum nanoparticles (elemental)		-
	Platinum-ruthenium		-
	Platinum-ruthenium-nickel		-
	Potassium bismuth titanate		-
	Potassium chloride		-
	Potassium iodide		-
	Ruthenium oxide	CAS	12036-10-1
	Samarium carbide		-
	Samarium cobalt		-
	Samarium hydride		-
	Samarium oxide	CAS	12060-58-1
	Selenium nanoparticles (elemental)		-
	Selenium titanium dioxide		-
	Silicon carbide		-
	Silicon dioxide*	CAS	60676-86-0
	Silicon nanoparticles (elemental)		-

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Main Category	Sub Category		
	Silicon nitride		-
	Silicon oxide	CAS	14808-60-7
	Silver bromide	CAS	7785-23-1
	Silver-gold		-
	Silver nanoparticles (elemental) *		-
	Silver oxide	CAS	1301-96-8
	Silver Palladium		-
	Sodium silicates		-
	Strontium Carbonate	CAS	1633-05-2
	Strontium ferrite		-
	Strontium hexaferrite		-
	Strontium titanate	CAS	12060-59-2
	Strontium tungstate	CAS	13451-05-3
	Strontium-bismuth tantalate		-
	Tellurium dioxide	CAS	59863-17-1
	Terbium oxide	CAS	12036-41-8
	Terbium-europium		-
	Tin dioxide		-
	Tin nanoparticles		-
	Tin monoxide	CAS	21651-19-4
	Tin oxides		-
	Titanium Aluminum Vanadium		-
	Titanium Aluminum Vanadium Tin		-
	Titanium Boride		-
	Titanium Boride/Boron Carbide		-
	Titanium Boride/Boron Carbide/Tungsten Boride		-
	Titanium boride/boron carbide/tungsten boride		-
	Titanium carbide	CAS	12070-08-5
	Titanium Carbide/Nitrogen		-
	Titanium carbonitride		-
	Titanium dioxide *	CAS	13463-67-7
	Titanium fullerenoid		-
	Titanium nitride	CAS	25583-20-4
	Titanium oxide	CAS	1309-63-3
	Titanium oxides		-
	Titanium Tin		-
	Titanium Zirconium Niobium		-
	Titanium-silicon oxide		-
	Tungsten carbide	CAS	12070-12-1
	Tungsten Carbide/Cobalt		-
	Tungsten disulfide		-
	Tungsten nanoparticles		-
	Tungsten trioxide	CAS	1314-35-8
	Tungsten oxides		-
	Vanadium carbide	CAS	12070-10-9
	Vanadium dioxide	CAS	12036-21-4
	Vanadium nitride	CAS	24646-85-3
	Vanadium monoxide	CAS	12035-98-2
	Vanadium oxides		-
	Vanadium pentaoxide	CAS	1314-62-1
	Yttria Stabilized Zirconia		-
	Yttrium aluminum garnet		-
	Yttrium Iron Garnet		-
	Yttrium oxide	CAS	1314-36-9

Main Category	Sub Category		
	Yttrium oxysulfide		-
	Yttrium silicate		-
	Yttrium-Aluminum Oxide		-
	Zero-valent selenium (zero valent)		-
	Zinc ferrite		-
	Zinc oxide *	CAS	1314-13-2
	Zinc selenide	CAS	1315-09-9
	Zinc sulfide	CAS	1314-98-3
	Zinc telluride	CAS	1315-11-3
	Zinc-Iron Oxide		-
	Zirconium carbide	CAS	12070-14-3
	Zirconium dioxide	CAS	1314-23-4
	Zirconium hydroxide		-
	Zirconium oxide		-
Nano clay *			
	Allophane		Hydrated Aluminum Silicate
	Illite		Hydrated Potassium Aluminum Magnesium Iron Silicate Hydroxide
	Kaolinite		Aluminum Silicate Hydroxide
	Montmorillonite		Hydrated Sodium Calcium Aluminum Magnesium Silicate Hydroxide
	Palygorskite		Hydrated Magnesium Aluminum Silicate Hydroxide
	Sauconite		Hydrated Sodium Zinc Aluminum Silicate Hydroxide
	Talc		Magnesium Silicate Hydroxide
	Vermiculite		Hydrated Magnesium Iron Aluminum Silicate Hydroxide