

Classification of critical minerals (HS 2017)

Code	Label
TOTCM	Critical minerals
CRIT	Critical minerals required for energy transition
M1	Aluminium
760110	Aluminium; unwrought, (not alloyed)
760120	Aluminium; unwrought, alloys
760200	Aluminium; waste and scrap
760310	Aluminium; powders of non-lamellar structure
760320	Aluminium; powders of lamellar structure, flakes
760410	Aluminium; (not alloyed), bars, rods and profiles
760421	Aluminium; alloys, hollow profiles
760429	Aluminium; alloys, bars, rods and profiles, other than hollow
760511	Aluminium; (not alloyed), wire, maximum cross-sectional dimension exceeds 7mm
760519	Aluminium; (not alloyed), wire, maximum cross-sectional dimension is 7mm or less
760521	Aluminium; alloys, wire, maximum cross-sectional dimension exceeding 7mm
760529	Aluminium; alloys, wire, maximum cross-sectional dimension is 7mm or less
760611	Aluminium; plates, sheets and strip, thickness exceeding 0.2mm, (not alloyed), rectangular (including square)
760612	Aluminium; plates, sheets and strip, thickness exceeding 0.2mm, alloys, rectangular (including square)
760691	Aluminium; plates, sheets and strip, thickness exceeding 0.2mm, not alloyed, (not rectangular or square)
760692	Aluminium; plates, sheets and strip, thickness exceeding 0.2mm, alloys, (not rectangular or square)
760711	Aluminium; foil, (not backed), rolled (but not further worked), of a thickness not exceeding 0.2mm
760719	Aluminium; foil, (not backed), of a thickness not exceeding 0.2mm, not rolled
760720	Aluminium; foil, backed with paper, paperboard, plastics or similar backing materials, of a thickness (excluding any backing) not exceeding 0.2mm
M2	Antimony
261710	Antimony ores and concentrates
282580	Antimony oxides
811010	Antimony and articles thereof; unwrought antimony, powders

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals required for energy transition/Antimony (continued)

Code	Label
811020	Antimony; waste and scrap
811090	Antimony and articles thereof; wrought, other than waste and scrap
M3	Arsenic
280480	Arsenic
M5	Bauxite
260600	Aluminium ores and concentrates
281810	Aluminium oxide; artificial corundum
281820	Aluminium oxide; other than artificial corundum
281830	Aluminium hydroxide
282612	Fluorides; of aluminium
282732	Chlorides; of aluminium
M8	Bismuth
810600	Bismuth; articles thereof, including waste and scrap
M9	Boron
252800	Natural borates and concentrates thereof (whether or not calcined), but not including borates separated from natural brine; natural boric acid containing not more than 85 % of H3BO3 calculated on the dry weight
280450	Boron; tellurium
281000	Oxides of boron; boric acids
284011	Borates; disodium tetraborate (refined borax), anhydrous
284019	Borates; disodium tetraborate (refined borax), other than anhydrous
284020	Borates; n.e.c. in heading no. 2840
284030	Peroxoborates (perborates)
M10	Cadmium
810720	Cadmium; unwrought, powders
810730	Cadmium; waste and scrap
810790	Cadmium; other than unwrought, n.e.c. in heading no. 8107
M11	Cerium
284610	Cerium compounds
M12	Chromium
261000	Chromium ores and concentrates

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals required for energy transition/Chromium (continued)

Code	Label
281910	Chromium trioxide
281990	Chromium oxides and hydroxides; excluding chromium trioxide
320620	Colouring matter; pigments and preparations based on chromium compounds
811221	Chromium and articles thereof; unwrought chromium, powders
811222	Chromium; waste and scrap
811229	Chromium and articles thereof; wrought other than waste and scrap
M13	Cobalt
260500	Cobalt ores and concentrates
282200	Cobalt oxides and hydroxides; commercial cobalt oxides
810520	Cobalt; mattes and other intermediate products of cobalt metallurgy, unwrought cobalt, powders
810530	Cobalt; waste and scrap
810590	Cobalt; articles n.e.c. in heading no. 8105
M14	Copper
260300	Copper ores and concentrates
262030	Slag, ash and residues; (not from the manufacture of iron or steel), containing mainly copper
282550	Copper oxides and hydroxides
282741	Chloride oxides and chloride hydroxides; of copper
740100	Copper mattes; cement copper (precipitated copper)
740200	Copper; unrefined, copper anodes for electrolytic refining
740311	Copper; refined, unwrought, cathodes and sections of cathodes
740312	Copper; refined, unwrought, wire-bars
740313	Copper; refined, unwrought, billets
740319	Copper; refined, unwrought, n.e.c. in item no. 7403.1
740321	Copper; copper-zinc base alloys (brass) unwrought
740322	Copper; copper-tin base alloys (bronze) unwrought
740329	Copper; copper alloys n.e.c. in heading no. 7403 (other than master alloys of heading no. 7405)
740400	Copper; waste and scrap
740500	Copper; master alloys of copper
740610	Copper; powders of non-lamellar structure
740620	Copper; powders of lamellar structure, flakes

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals required for energy transition/Copper (continued)

Code	Label
740710	Copper; bars, rods and profiles, of refined copper
740721	Copper; bars, rods and profiles, of copper-zinc base alloys (brass)
740729	Copper; bars, rods and profiles, of copper alloys (other than copper-zinc base alloys)
740811	Copper; wire, of refined copper, of which the maximum cross-sectional dimension exceeds 6mm
740819	Copper; wire, of refined copper, of which the maximum cross-sectional dimension is 6mm or less
740821	Copper; wire, of copper-zinc base alloys (brass)
740822	Copper; wire, of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)
740829	Copper; wire, of copper alloys (other than copper-zinc base alloys, copper-nickel base alloys or copper-nickel-zinc base alloys)
740911	Copper; strip, of a thickness exceeding 0.15mm, of refined copper, in coils
740919	Copper; plates and sheets, of a thickness exceeding 0.15mm, of refined copper, not in coils
740921	Copper; strip, of a thickness exceeding 0.15mm, of copper-zinc base alloys (brass), in coils
740929	Copper; plates and sheets, of a thickness exceeding 0.15mm, of copper-zinc base alloys (brass), not in coils
740931	Copper; strip, of a thickness exceeding 0.15mm, of copper-tin base alloys (bronze), in coils
740939	Copper; plates and sheets, of a thickness exceeding 0.15mm, of copper-tin base alloys, not in coils
740940	Copper; plates, sheets and strip, of a thickness exceeding 0.15mm, of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)
740990	Copper; plates, sheets and strip, of a thickness exceeding 0.15mm, of copper alloys (other than copper-zinc base alloys, copper-tin base alloys, copper-nickel base alloys or copper-nickel-zinc base alloys)
741011	Copper; foil, not backed, of a thickness not exceeding 0.15mm, of refined copper
741012	Copper; foil, not backed, of a thickness not exceeding 0.15mm, of copper alloys
741021	Copper; foil, backed with paper, paperboard, plastics or similar backing material, of a thickness (excluding any backing) not exceeding 0.15mm, of refined copper
741022	Copper; foil, backed with paper, paperboard, plastics or similar backing material, of a thickness (excluding any backing) not exceeding 0.15mm, of copper alloys
741110	Copper; tubes and pipes, of refined copper
741121	Copper; tubes and pipes, of copper-zinc base alloys (brass)
741122	Copper; tubes and pipes, of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals required for energy transition/Copper (continued)

Code	Label
741129	Copper; tubes and pipes, of copper alloys (other than copper-zinc, copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel-silver))
741210	Copper; tube or pipe fittings (e.g. couplings, elbows, sleeves) of refined copper
741220	Copper; tube or pipe fittings (e.g. couplings, elbows, sleeves) of copper alloys
M19	Fluorspar
252921	Fluorspar; containing by weight 97% or less of calcium fluoride
252922	Fluorspar; containing by weight more than 97% of calcium fluoride
M20	Gallium, Germanium, Indium, Niobium, Tantalum, and Vanadium
261590	Niobium, tantalum, vanadium ores and concentrates
282530	Vanadium oxides and hydroxides
810320	Tantalum; unwrought, including bars and rods obtained simply by sintering, powders
810330	Tantalum; waste and scrap
810390	Tantalum; articles n.e.c. in heading no. 8103
811292	Gallium, germanium, hafnium, indium, niobium (columbium), rhenium and vanadium; articles thereof, unwrought, including waste and scrap, powders
811299	Gallium, germanium, hafnium, indium, niobium (columbium), rhenium and vanadium; articles thereof, other than unwrought including waste and scrap and powders
M24	Graphite
250410	Graphite; natural, in powder or in flakes
250490	Graphite; natural, in other forms, excluding powder or flakes
380110	Graphite; artificial
380120	Graphite; colloidal or semi-colloidal
380190	Graphite or other carbon based preparations; in the form of pastes, blocks, plates or other semi-manufactures
M32	Lithium
282520	Lithium oxide and hydroxide
283691	Carbonates; lithium carbonate
290433	Derivatives of hydrocarbons; lithium perfluorooctane sulphonate, whether or not halogenated
M33	Magnesium
251910	Magnesium carbonate (magnesite); natural

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals required for energy transition/Magnesium (continued)

Code	Label
251990	Magnesia, fused or dead-burned (sintered); whether or not containing small quantities of other oxides added before sintering, other magnesium oxide, whether or not pure, (not natural magnesium carbonate)
253020	Kieserite, epsomite (natural magnesium sulphates)
281610	Hydroxide and peroxide of magnesium
282731	Chlorides; of magnesium
810411	Magnesium; unwrought, containing at least 99.8% by weight of magnesium
810419	Magnesium; unwrought, containing less than 99.8% by weight of magnesium
810420	Magnesium; waste and scrap
810430	Magnesium; raspings, turnings and granules, graded according to size, powders
810490	Magnesium; articles n.e.c. in heading no. 8104
M34	Manganese
260200	Manganese ores and concentrates, including ferruginous manganese ores and concentrates with a manganese content of 20% or more, calculated on the dry weight
282010	Manganese dioxide
282090	Manganese oxides; excluding manganese dioxide
811100	Manganese; articles thereof, including waste and scrap
M37	Molybdenum
261310	Molybdenum ores and concentrates; roasted
261390	Molybdenum ores and concentrates; other than roasted
282570	Molybdenum oxides and hydroxides
284170	Salts; molybdates
810210	Molybdenum; articles thereof, including waste and scrap, powders
810294	Molybdenum; unwrought, including bars and rods obtained simply by sintering
810295	Molybdenum; bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil
810296	Molybdenum; wire
810297	Molybdenum; waste and scrap
810299	Molybdenum; articles n.e.c. in heading no. 8102
M38	Nickel
260400	Nickel ores and concentrates
282540	Nickel oxides and hydroxides

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals required for energy transition/Nickel (continued)

Code	Label
282735	Chlorides; of nickel
750110	Nickel; nickel mattes
750120	Nickel; oxide sinters and other intermediate products of nickel metallurgy
750210	Nickel; unwrought, not alloyed
750220	Nickel; unwrought, alloys
750300	Nickel; waste and scrap
750400	Nickel; powders and flakes
750511	Nickel; bars, rods and profiles, not alloyed
750512	Nickel; bars, rods and profiles, of nickel alloys
750521	Nickel; wire, not alloyed
750522	Nickel; wire, of nickel alloys
750610	Nickel; plates, sheets, strip and foil, not alloyed
750620	Nickel; plates, sheets, strip and foil, of nickel alloys
750711	Nickel; tubes and pipes, not alloyed
750712	Nickel; tubes and pipes, of nickel alloys
750720	Nickel; tube and pipe fittings
M42	Phosphates
251010	Natural calcium phosphates, natural aluminium calcium phosphates and phosphatic chalk; unground
251020	Natural calcium phosphates, natural aluminium calcium phosphates and phosphatic chalk; ground
280470	Phosphorus
280910	Diphosphorus pentoxide
280920	Phosphoric acid and polyphosphoric acids
281212	Phosphorus oxychloride
281213	Phosphorus trichloride
281214	Phosphorus pentachloride
281390	Sulphides of non-metals, (excluding carbon); commercial phosphorus trisulphide
283510	Phosphinates (hypophosphites) and phosphonates (phosphites), whether or not chemically defined
283522	Phosphates; of mono- or disodium, whether or not chemically defined
283524	Phosphates; of potassium, whether or not chemically defined

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals required for energy transition/Phosphates (continued)

Code	Label
283525	Phosphates; calcium hydrogenorthophosphate (dicalcium phosphate), whether or not chemically defined
283526	Phosphates; of calcium n.e.c. in item no. 2835.25, whether or not chemically defined
283529	Phosphates; (other than of mono- or disodium, other than of potassium or of calcium hydrogenorthophosphate (dicalcium phosphate) and excluding other phosphates of calcium), whether or not chemically defined
283531	Polyphosphates; sodium triphosphate (sodium tripolyphosphate), whether or not chemically defined
283539	Polyphosphates; other than sodium triphosphate (sodium tripolyphosphate), whether or not chemically defined
285390	Phosphides, chemically defined or not, not ferrophosphorus; other inorganic compounds n.e.c. (including distilled, conductivity water and water of like purity); liquid air, rare gases removed or not; compressed air; amalgams, not precious metal amalgams
310311	Fertilizers, mineral or chemical; phosphatic, superphosphates, containing by weight 35% or more of diphosphorus pentaoxide (P2O5)
310319	Fertilizers, mineral or chemical; phosphatic, superphosphates, other than containing by weight 35% or more of diphosphorus pentaoxide (P2O5)
310559	Fertilizers, mineral or chemical; containing the two fertilizing elements nitrogen and phosphorus, other than nitrates and phosphates
M43	Platinum
711011	Metals; platinum, unwrought or in powder form
711019	Metals; platinum, semi-manufactured
711292	Waste and scrap of precious metals; of platinum, including metal clad with platinum but excluding sweepings containing other precious metals
711510	Metal; catalysts in the form of wire cloth or grill, of platinum
M45	Rare-earth elements
280530	Earth-metals, rare; scandium and yttrium, whether or not intermixed or interalloyed
284690	Compounds, inorganic or organic (excluding cerium), of rare-earth metals, of yttrium, scandium or of mixtures of these metals
M47	Selenium
280490	Selenium
M48	Silicon
250510	Sands; natural, silica and quartz sands, whether or not coloured
280461	Silicon; containing by weight not less than 99.99% of silicon

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals required for energy transition/Silicon (continued)

Code	Label
280469	Silicon; containing by weight less than 99.99% of silicon
281122	Silicon dioxide
283911	Silicates; sodium metasilicates
283919	Silicates; of sodium (excluding sodium metasilicates)
283990	Silicates; commercial alkali metal silicates, other than of sodium
284920	Carbides; of silicon, whether or not chemically defined
391000	Silicones; in primary forms
M55	Tin
260900	Tin ores and concentrates
800110	Tin; unwrought, not alloyed
800120	Tin; unwrought, alloys
800200	Tin; waste and scrap
800300	Tin; bars, rods, profiles and wire
800700	Tin; articles n.e.c. in chapter 80
M56	Titanium
261400	Titanium ores and concentrates
282300	Titanium oxides
810820	Titanium; unwrought, powders
810830	Titanium; waste and scrap
810890	Titanium; other than unwrought, n.e.c. in heading no. 8108
M59	Zinc
260800	Zinc ores and concentrates
262011	Slag, ash and residues; (not from the manufacture of iron or steel), containing mainly zinc, hard zinc spelter
262019	Slag, ash and residues; (not from the manufacture of iron or steel), containing mainly zinc, other than hard zinc spelter
281700	Zinc; oxide and peroxide
790111	Zinc; unwrought, (not alloyed), containing by weight 99.99% or more of zinc
790112	Zinc; unwrought, (not alloyed), containing by weight less than 99.99% of zinc
790120	Zinc; unwrought, alloys
790200	Zinc; waste and scrap

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals required for energy transition/Zinc (continued)

Code	Label
790310	Zinc dust
790390	Zinc; powders and flakes
790400	Zinc; bars, rods, profiles and wire
790500	Zinc; plates, sheets, strip and foil
790700	Zinc; articles n.e.c. in chapter 79
IMP	Critical minerals relevant for energy transition
M26	Hafnium
M28	Iron ore and steel
250200	Iron pyrites; unroasted
260111	Iron ores and concentrates; non-agglomerated
260112	Iron ores and concentrates; agglomerated (excluding roasted iron pyrites)
260120	Iron pyrites; roasted
261800	Slag, granulated (slag sand); from the manufacture of iron or steel
261900	Slag, dross; (other than granulated slag), scalings and other waste from the manufacture of iron or steel
282110	Iron oxides and hydroxides
720110	Iron; non-alloy pig iron containing by weight 0.5% or less of phosphorus, in pigs, blocks or other primary forms
720120	Iron; non-alloy pig iron containing by weight more than 0.5% of phosphorus, in pigs, blocks or other primary forms
720150	Iron; alloy pig iron, spiegeleisen, in pigs, blocks or other primary forms
720211	Ferro-alloys; ferro-manganese, containing by weight more than 2% of carbon
720219	Ferro-alloys; ferro-manganese, containing by weight 2% or less of carbon
720221	Ferro-alloys; ferro-silicon, containing by weight more than 55% of silicon
720229	Ferro-alloys; ferro-silicon, containing by weight 55% or less of silicon
720230	Ferro-alloys; ferro-silico-manganese
720241	Ferro-alloys; ferro-chromium, containing by weight more than 4% of carbon
720249	Ferro-alloys; ferro-chromium, containing by weight 4% or less of carbon
720250	Ferro-alloys; ferro-silico-chromium
720260	Ferro-alloys; ferro-nickel
720270	Ferro-alloys; ferro-molybdenum

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals relevant for energy transition/Iron ore and steel (continued)

Code	Label
720280	Ferro-alloys; ferro-tungsten and ferro-silico-tungsten
720292	Ferro-alloys; ferro-vanadium
720293	Ferro-alloys; ferro-niobium
720299	Ferro-alloys; n.e.c. in heading no. 7202
720310	Ferrous products; obtained by direct reduction of iron ore, in lumps, pellets or similar forms
720390	Ferrous products; spongy ferrous products and iron having a minimum purity by weight of 99.94%, in lumps, pellets or similar forms
720410	Ferrous waste and scrap; of cast iron
720421	Ferrous waste and scrap; of stainless steel
720429	Ferrous waste and scrap; of alloy steel (excluding stainless)
720430	Ferrous waste and scrap; of tinned iron or steel
720441	Ferrous waste and scrap; turnings, shavings, chips, milling waste, sawdust, fillings, trimmings and stampings, whether or not in bundles
720449	Ferrous waste and scrap; n.e.c. in heading no. 7204
720450	Ferrous products; remelting scrap ingots
720510	Iron or steel, pig iron, spiegeleisen; granules thereof
720521	Alloy steel powders
720529	Iron or steel, pig iron, spiegeleisen; powders (excluding alloy steel)
720610	Iron or non-alloy steel; ingots (excluding iron of heading no. 7203)
720690	Iron or non-alloy steel; primary forms (excluding ingots and iron of heading no. 7203)
720711	Iron or non-alloy steel; semi-finished products of iron or non-alloy steel; containing by weight less than 0.25% of carbon, of rectangular (including square) cross-section, width less than twice thickness
720712	Iron or non-alloy steel; semi-finished products of iron or non-alloy steel; containing by weight less than 0.25% of carbon, of rectangular (other than square) cross-section
720719	Iron or non-alloy steel; semi-finished products of iron or non-alloy steel, containing by weight less than 0.25% of carbon, other than rectangular or square cross-section
720720	Iron or non-alloy steel; semi-finished products of iron or non-alloy steel, containing by weight 0.25% or more of carbon
720810	Iron or non-alloy steel; in coils, flat-rolled, of a width 600mm or more, hot-rolled, with patterns in relief
720825	Iron or non-alloy steel; in coils, without patterns in relief, flat-rolled, of a width 600mm or more, hot-rolled, pickled, of a thickness of 4.75mm or more

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals relevant for energy transition/Iron ore and steel (continued)

Code	Label
720826	Iron or non-alloy steel; in coils, without patterns in relief, flat-rolled, of a width 600mm or more, hot-rolled, pickled, of a thickness of 3mm or more but less than 4.75mm
720827	Iron or non-alloy steel; in coils, without patterns in relief, flat-rolled, of a width 600mm or more, hot-rolled, pickled, of a thickness of less than 3mm
720836	Iron or non-alloy steel; in coils, without patterns in relief, flat-rolled, of a width 600mm or more, hot-rolled, of a thickness exceeding 10mm
720837	Iron or non-alloy steel; in coils, without patterns in relief, flat-rolled, of a width 600mm or more, hot-rolled, of a thickness of 4.75mm or more but not exceeding 10mm
720838	Iron or non-alloy steel; in coils, without patterns in relief, flat-rolled, of a width 600mm or more, hot-rolled, of a thickness of 3mm or more but less than 4.75mm
720839	Iron or non-alloy steel; in coils, without patterns in relief, flat-rolled, of a width 600mm or more, hot-rolled, of a thickness of less than 3mm
720840	Iron or non-alloy steel; (not in coils), flat-rolled, of a width 600mm or more, hot-rolled, with patterns in relief
720851	Iron or non-alloy steel; (not in coils), flat-rolled, of a width 600mm or more, hot-rolled, without patterns in relief, of a thickness exceeding 10mm
720852	Iron or non-alloy steel; (not in coils), flat-rolled, of a width 600mm or more, hot-rolled, without patterns in relief, of a thickness of 4.75mm or more but not exceeding 10mm
720853	Iron or non-alloy steel; (not in coils), flat-rolled, of a width 600mm or more, hot-rolled, without patterns in relief, of a thickness of 3mm or more but less than 4.75mm
720854	Iron or non-alloy steel; (not in coils), flat-rolled, of a width 600mm or more, hot-rolled, without patterns in relief, of a thickness of less than 3mm
720890	Iron or non-alloy steel; flat-rolled, hot-rolled, of a width 600mm or more, n.e.c. in heading no. 7208
720915	Iron or non-alloy steel; in coils, flat-rolled, width 600mm or more, cold-rolled, of a thickness of 3mm or more
720916	Iron or non-alloy steel; in coils, flat-rolled, width 600mm or more, cold-rolled, of a thickness exceeding 1mm but less than 3mm
720917	Iron or non-alloy steel; in coils, flat-rolled, width 600mm or more, cold-rolled, of a thickness of 0.5mm or more but not exceeding 1mm
720918	Iron or non-alloy steel; in coils, flat-rolled, width 600mm or more, cold-rolled, of a thickness of less than 0.5mm
720925	Iron or non-alloy steel; (not in coils), flat-rolled, width 600mm or more, cold-rolled, of a thickness of 3mm or more
720926	Iron or non-alloy steel; (not in coils), flat-rolled, width 600mm or more, cold-rolled, of a thickness exceeding 1mm but less than 3mm

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals relevant for energy transition/Iron ore and steel (continued)

Code	Label
720927	Iron or non-alloy steel; (not in coils), flat-rolled, width 600mm or more, cold-rolled, of a thickness of 0.5mm or more but not exceeding 1mm
720928	Iron or non-alloy steel; (not in coils), flat-rolled, width 600mm or more, cold-rolled, of a thickness of less than 0.5mm
720990	Iron or non-alloy steel; flat-rolled, width 600mm or more, cold-rolled, n.e.c. in heading no. 7209
721011	Iron or non-alloy steel; flat-rolled, width 600mm or more, plated or coated with tin, thickness of 0.5mm or more
721012	Iron or non-alloy steel; flat-rolled, width 600mm or more, plated or coated with tin, thickness of less than 0.5mm
721020	Iron or non-alloy steel; flat-rolled, width 600mm or more, plated or coated with lead, including terne-plate
721030	Iron or non-alloy steel; flat-rolled, width 600mm or more, electrolytically plated or coated with zinc
721041	Iron or non-alloy steel; flat-rolled, width 600mm or more, corrugated, plated or coated with zinc (not electrolytically)
721049	Iron or non-alloy steel; flat-rolled, width 600mm or more, (not corrugated), plated or coated with zinc (not electrolytically)
721050	Iron or non-alloy steel; flat-rolled, width 600mm or more, plated or coated with chromium oxides or with chromium and chromium oxides
721061	Iron or non-alloy steel; flat-rolled, width 600mm or more, plated or coated with aluminium zinc-alloys
721069	Iron or non-alloy steel; flat-rolled, width 600mm or more, plated or coated with aluminium, other than plated or coated with aluminium zinc-alloys
721070	Iron or non-alloy steel; flat-rolled, width 600mm or more, painted, varnished or coated with plastics
721090	Iron or non-alloy steel; flat-rolled, width 600mm or more, plated or coated with materials n.e.c. in heading no. 7210
721113	Iron or non-alloy steel; flat-rolled, hot-rolled, rolled on four faces or in a closed box pass, of a width more than 150mm but less than 600mm, 4mm thick or more, not in coils, without patterns in relief
721114	Iron or non-alloy steel; flat-rolled, hot-rolled, of a width less than 600mm, 4.75mm thick or more, excluding those of item no. 7211.13
721119	Iron or non-alloy steel; flat-rolled, hot-rolled, of a width less than 600mm, less than 4.75mm thick, excluding those of item no. 7211.13
721123	Iron or non-alloy steel; flat-rolled, cold-rolled, of a width less than 600mm, containing by weight less than 0.25% of carbon

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals relevant for energy transition/Iron ore and steel (continued)

Code	Label
721129	Iron or non-alloy steel; flat-rolled, cold-rolled, of a width less than 600mm, containing by weight 0.25% or more of carbon
721190	Iron or non-alloy steel; flat-rolled, n.e.c. in heading no. 7211, width less than 600mm
721210	Iron or non-alloy steel; flat-rolled, width less than 600mm, plated or coated with tin
721220	Iron or non-alloy steel; flat-rolled, of a width less than 600mm, electrolytically plated or coated with zinc
721230	Iron or non-alloy steel; flat-rolled, width less than 600mm, plated or coated with zinc (not electrolytically)
721240	Iron or non-alloy steel; flat-rolled, width less than 600mm, painted, varnished or coated with plastics
721250	Iron or non-alloy steel; flat-rolled, width less than 600mm, plated or coated, (excluding tin, zinc or plastic)
721260	Iron or non-alloy steel; flat-rolled, width less than 600mm, clad
721310	Iron or non-alloy steel; bars and rods, hot-rolled, in irregularly wound coils, containing indentations, ribs, grooves or other deformations produced during the rolling process
721320	Iron or non-alloy steel; bars and rods, hot-rolled, in irregularly wound coils, of free-cutting steel
721391	Iron or non-alloy steel; bars and rods, hot-rolled, in irregularly wound coils, n.e.c. in heading no. 7213, of circular cross-section measuring less than 14mm in diameter
721399	Iron or non-alloy steel; bars and rods, hot-rolled, in irregularly wound coils, n.e.c. in heading no. 7213, of circular cross-section measuring 14mm or more in diameter
721410	Iron or non-alloy steel; bars and rods, forged, hot-rolled, hot-drawn or hot-extruded, but including those twisted after rolling
721420	Iron or non-alloy steel; bars and rods, hot-rolled, hot-drawn or hot-extruded, containing indentations, ribs, grooves or other deformations produced during the rolling process or twisted after rolling
721430	Iron or non-alloy steel; bars and rods, hot-rolled, hot-drawn or hot-extruded, including those twisted after rolling, of free-cutting steel
721491	Iron or non-alloy steel; bars and rods, hot-rolled, hot-drawn or hot-extruded, n.e.c. in heading no. 7214, of rectangular (other than square) cross-section
721499	Iron or non-alloy steel; bars and rods, hot-rolled, hot-drawn or hot-extruded, n.e.c. in heading no. 7214, other than of rectangular cross-section
721510	Iron or non-alloy steel; bars and rods, of free-cutting steel, cold-formed or cold-finished, n.e.c. in chapter 72
721550	Iron or non-alloy steel; bars and rods, n.e.c. in chapter 72, cold-formed or cold-finished, (not free-cutting)

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals relevant for energy transition/Iron ore and steel (continued)

Code	Label
721590	Iron or non-alloy steel; bars and rods, n.e.c. in chapter 72, n.e.c. in heading no. 7215
721610	Iron or non-alloy steel; U, I or H sections, hot-rolled, hot-drawn or extruded, of a height of less than 80mm
721621	Iron or non-alloy steel; L sections, hot-rolled, hot-drawn or extruded, of a height of less than 80mm
721622	Iron or non-alloy steel; T sections, hot-rolled, hot-drawn or extruded, of a height less than 80mm
721631	Iron or non-alloy steel; U sections, hot-rolled, hot-drawn or extruded, of a height of 80mm or more
721632	Iron or non-alloy steel; I sections, hot-rolled, hot-drawn or extruded, of a height of 80mm or more
721633	Iron or non-alloy steel; H sections, hot-rolled, hot-drawn or extruded, of a height of 80mm or more
721640	Iron or non-alloy steel; L or T sections, hot-rolled, hot-drawn or extruded, of a height of 80mm or more
721650	Iron or non-alloy steel; angles, shapes and sections, n.e.c. in heading no. 7216, hot-rolled, hot-drawn or extruded
721661	Iron or non-alloy steel; angles, shapes and sections, cold-formed or cold-finished, obtained from flat-rolled products
721669	Iron or non-alloy steel; angles, shapes and sections, cold-formed or cold-finished, (not obtained from flat-rolled products)
721691	Iron or non-alloy steel; angles, shapes and sections, n.e.c. in heading no. 7216, cold-formed or cold-finished, from flat-rolled products
721699	Iron or non-alloy steel; angles, shapes and sections, n.e.c. in heading no. 7216
721710	Iron or non-alloy steel; wire, (not plated or coated), whether or not polished
721720	Iron or non-alloy steel; wire, plated or coated with zinc
721730	Iron or non-alloy steel; wire, plated or coated with base metals (other than zinc)
721790	Iron or non-alloy steel; wire, n.e.c. in heading no. 7217
M39	Other PMG (Platinum Metal Group)
711031	Metals; rhodium, unwrought or in powder form
711039	Metals; rhodium, semi-manufactured
711041	Metals; iridium, osmium, ruthenium, unwrought or in powder form
711049	Metals; iridium, osmium, ruthenium, semi-manufactured
M40	Palladium
711021	Metals; palladium, unwrought or in powder form

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals relevant for energy transition/Palladium (continued)

Code	Label
711029	Metals; palladium, semi-manufactured
M44	Potassium
281520	Potassium hydroxide (caustic potash)
281530	Peroxides of sodium or potassium
282751	Bromides; of sodium or of potassium
283421	Nitrates; of potassium
283429	Nitrates; of other than potassium
283640	Carbonates; potassium carbonate
284161	Salts; of oxometallic or peroxometallic acids, manganites, manganates and permanganates, potassium permanganate
290434	Derivatives of hydrocarbons; potassium perfluorooctane sulphonate, whether or not halogenated
310420	Fertilizers, mineral or chemical; potassic, potassium chloride
310430	Fertilizers, mineral or chemical; potassic, potassium sulphate
310490	Fertilizers, mineral or chemical; potassic, n.e.c. in heading no. 3104
310520	Fertilizers, mineral or chemical; containing the three fertilizing elements nitrogen, phosphorus and potassium
310560	Fertilizers, mineral or chemical; containing the two fertilizing elements phosphorus and potassium
M46	Rhenium
M50	Sodium
250100	Salt (including table salt and denatured salt); pure sodium chloride whether or not in aqueous solution; sea water
280511	Alkali or alkali-earth metals; sodium
281511	Sodium hydroxide (caustic soda); solid
281512	Sodium hydroxide (caustic soda); in aqueous solution (soda lye or liquid soda)
282630	Sodium hexafluoroaluminate (synthetic cryolite)
283620	Carbonates; disodium carbonate
283630	Carbonates; sodium hydrogen carbonate (sodium bicarbonate)
M51	Strontium
280519	Alkali or alkali-earth metals; other than sodium and calcium
281640	Oxides, hydroxides and peroxides, of strontium or barium
283692	Carbonates; strontium carbonate

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals relevant for energy transition (continued)

Code	Label
M52	Sulphur
250300	Sulphur of all kinds; other than sublimed, precipitated and colloidal sulphur
280200	Sulphur; sublimed or precipitated, colloidal sulphur
280700	Sulphuric acid; oleum
280800	Nitric acid; sulphonitric acids
281119	Inorganic acids; other than hydrogen fluoride
281215	Sulphur monochloride
281216	Sulphur dichloride
281310	Carbon disulphide
283010	Sulphides; of sodium, whether or not chemically defined
283090	Sulphides and polysulphides; whether or not chemically defined, other than sulphides of sodium
283210	Sulphites; of sodium
283220	Sulphites; other than of sodium
283230	Thiosulphates
283311	Sodium sulphates; disodium sulphate
283319	Sodium sulphates; other than disodium sulphate
283321	Sulphates; of magnesium
283322	Sulphates; of aluminium
283324	Sulphates; of nickel
283325	Sulphates; of copper
283327	Sulphates; of barium
283329	Sulphates; n.e.c. in item no. 2833.2
283340	Peroxisulphates (persulphates)
290410	Derivatives of hydrocarbons; containing only sulpho groups, their salts and ethyl esters, whether or not halogenated
290431	Derivatives of hydrocarbons; perfluorooctane sulphonic acid, whether or not halogenated
290432	Derivatives of hydrocarbons; ammonium perfluorooctane sulphonate, whether or not halogenated
290435	Derivatives of hydrocarbons; salts of perfluorooctane sulphonic acid n.e.c in heading no. 2904, whether or not halogenated
290436	Derivatives of hydrocarbons; perfluorooctane sulphonyl fluoride, whether or not halogenated

Classification of critical minerals (HS 2017)

/Critical minerals/Critical minerals relevant for energy transition/Sulphur (continued)

Code	Label
293020	Organo-sulphur compounds; thiocarbamates and dithiocarbamates
293030	Organo-sulphur compounds; thiuram mono-, di- or tetrasulphides
293040	Organo-sulphur compounds; methionine
293060	Organo-sulphur compounds; 2-(N,N-Diethylamino)ethanethiol
293070	Organo-sulphur compounds; bis(2-hydroxyethyl)sulfide (thiodiglycol (INN))
293080	Organo-sulphur compounds; aldicarb (ISO), captafol (ISO) and methamidophos (ISO)
293090	Organo-sulphur compounds; n.e.c. in heading no. 2930
293510	Sulphonamides; N-methylperfluorooctane sulphonamide
293520	Sulphonamides; N-ethylperfluorooctane sulphonamide
293530	Sulphonamides; N-ethyl-N-(2-hydroxyethyl) perfluorooctane sulphonamide
293540	Sulphonamides; N-(2-hydroxyethyl)-N-methylperfluorooctane sulphonamide
293550	Sulphonamides; other perfluorooctane sulphonamides
293590	Sulphonamides; n.e.c. in heading no. 2935
310221	Fertilizers, mineral or chemical; nitrogenous, ammonium sulphate
340211	Organic surface-active agents; anionic (other than soap), whether or not put up for retail sale
380400	Lyes, residual; from the manufacture of wood pulp, whether or not concentrated, desugared or chemically treated, including lignin sulphonates but excluding tall oil of heading no. 3803
M60	Zirconium
261510	Zirconium ores and concentrates
810920	Zirconium; unwrought, powders
810930	Zirconium; waste and scrap
OTHER	Other critical minerals
M4	Barite
251110	Barium sulphate (barytes); natural
M6	Bentonite
250810	Clays (excluding expanded clays of heading no. 6806); bentonite, whether or not calcined
M7	Beryllium
811212	Beryllium and articles thereof; unwrought beryllium, powders
811213	Beryllium; waste and scrap
811219	Beryllium and articles thereof; wrought other than waste and scrap
M15	Diamonds

Classification of critical minerals (HS 2017)

/Critical minerals/Other critical minerals/Diamonds (continued)

Code	Label
710210	Diamonds; whether or not worked, but not mounted or set, unsorted
710221	Diamonds; industrial, unworked or simply sawn, cleaved or bruted, but not mounted or set
710229	Diamonds; industrial, (other than unworked or simply sawn, cleaved or bruted), but not mounted or set
710231	Diamonds; non-industrial, unworked or simply sawn, cleaved or bruted, but not mounted or set
710239	Diamonds; non-industrial, (other than unworked or simply sawn, cleaved or bruted), but not mounted or set
710420	Stones; precious or semi-precious, synthetic or reconstructed, (not piezo-electric quartz), unworked or simply sawn, roughly shaped, (not strung, mounted or set), temporarily strung for transport convenience
710490	Stones; precious or semi-precious, synthetic or reconstructed, (not piezo-electric quartz), worked or graded or not, (but not strung, mounted or set), temporarily strung for transport convenience, n.e.c. in item no. 7104.20
710510	Stones; precious and semi-precious, dust and powder, of diamonds
M16	Diatomite
251200	Siliceous fossil meals (e.g. kieselguhr, tripolite and diatomite) and similar siliceous earths; whether or not calcined, of an apparent specific gravity of 1 or less
M17	Emerald
710391	Stones; rubies, sapphires and emeralds, worked (other than simply sawn or roughly shaped), not strung, mounted or set
M18	Feldspar
252910	Feldspar
M21	Garnet
251320	Emery, natural corundum, natural garnet and other natural abrasives, whether or not heat-treated
M22	Gold
261690	Precious metal ores and concentrates; (excluding silver)
284330	Gold compounds
710811	Metals; gold, non-monetary, powder
710812	Metals; gold, non-monetary, unwrought (but not powder)
710813	Metals; gold, semi-manufactured
M23	Gold/Silver
284310	Colloidal precious metals; whether or not chemically defined

Classification of critical minerals (HS 2017)

/Critical minerals/Other critical minerals/Gold/Silver (continued)

Code	Label
710900	Base metals or silver; clad with gold, not further worked than semi-manufactured
711100	Base metals, silver or gold, clad with platinum; not further worked than semi-manufactured
711230	Waste and scrap of precious metal or of metal clad with precious metal; ash containing precious metal or precious metal compounds
711291	Waste and scrap of precious metals; of gold, including metal clad with gold but excluding sweepings containing other precious metals
M25	Gypsum
252010	Gypsum; anhydrite
252020	Plasters; (consisting of calcined gypsum or calcium sulphate), whether or not coloured, with or without small quantities of accelerators or retarders
M27	Helium
M29	Kaolin
250700	Kaolin and other kaolinic clays; whether or not calcined
M30	Lead
260700	Lead ores and concentrates
262021	Slag, ash and residues; (not from the manufacture of iron or steel), containing mainly lead; leaded gasoline sludges and leaded anti-knock compound sludges
262029	Slag, ash and residues; (not from the manufacture of iron or steel), containing mainly lead; excluding leaded gasoline sludges and leaded anti-knock compound sludges
282410	Lead; lead monoxide (litharge, massicot)
282490	Lead oxides; n.e.c. in heading no. 2824
780110	Lead; unwrought, refined
780191	Lead; unwrought, unrefined, containing by weight antimony as the principal other element
780199	Lead; unwrought, unrefined, not containing by weight antimony as the principal other element
780200	Lead; waste and scrap
780411	Lead; sheets, strip and foil, of a thickness (excluding any backing) not exceeding 0.2mm
780419	Lead; plates, sheets, strip and foil, of a thickness (excluding any backing) exceeding 0.2mm
780420	Lead; powders and flakes
780600	Lead; articles n.e.c. in chapter 78
M31	Limestone
252100	Limestone flux; limestone and other calcareous stone, of a kind used for the manufacture of lime or cement

Classification of critical minerals (HS 2017)

/Critical minerals/Other critical minerals/Limestone (continued)

Code	Label
252210	Quicklime; excluding calcium oxide and hydroxide of heading no. 2825
252220	Slaked lime; excluding calcium oxide and hydroxide of heading no. 2825
252230	Hydraulic lime; excluding calcium oxide and hydroxide of heading no. 2825
M35	Mercury
280540	Mercury
285210	Inorganic or organic compounds of mercury, excluding amalgams, chemically defined
285290	Inorganic or organic compounds of mercury; excluding amalgams, not chemically defined,
M36	Metallurgical Coal
270112	Coal; bituminous, whether or not pulverised, but not agglomerated
M41	Perlite
253010	Vermiculite, perlite and chlorites; unexpanded
M49	Silver
261610	Silver ores and concentrates
284321	Silver compounds; silver nitrates
284329	Silver compounds; excluding silver nitrates
710610	Metals; silver powder
710691	Metals; silver, unwrought, (but not powder)
710692	Metals; silver, semi-manufactured
710700	Base metals clad with silver; not further worked than semi-manufactured
711299	Waste and scrap of precious metals; waste and scrap of precious metals including metal clad with precious metals, other than that of gold and platinum and excluding ash which contains precious metal or precious metal compounds
M53	Thallium
811251	Thallium and articles thereof; unwrought thallium, powders
811252	Thallium; waste and scrap
811259	Thallium and articles thereof; other than unwrought thallium, powders or waste and scrap
M54	Thorium
261220	Thorium ores and concentrates
M57	Tungsten
261100	Tungsten ores and concentrates
284180	Salts; tungstates (wolframates)

Classification of critical minerals (HS 2017)

/Critical minerals/Other critical minerals/Tungsten (continued)

Code	Label
810110	Tungsten (wolfram); articles thereof, including waste and scrap, powders
810194	Tungsten (wolfram); unwrought, including bars and rods obtained simply by sintering
810196	Tungsten (wolfram); wire
810197	Tungsten (wolfram); waste and scrap
810199	Tungsten (wolfram); articles n.e.c. in heading no. 8101
M58	Uranium
261210	Uranium ores and concentrates
284410	Uranium; natural uranium and its compounds, alloys, dispersions (including cermets), ceramic products and mixtures containing natural uranium or natural uranium compounds
284420	Uranium; enriched in U235, plutonium, their compounds, alloys dispersions (including cermets), ceramic products and mixtures containing uranium enriched in U235, plutonium or compounds of these products
284430	Uranium; depleted in U235, thorium, their compounds, alloys, dispersions (including cermets), ceramic products and mixtures containing uranium depleted in U235, thorium; compounds of these products