



Chemical Elements : English – isiZulu

Chemical elements	Izinhhlwa zevange	Ukusetshenziswa kwegama/Term usage
1 Hydrogen	Ihwanzi	Ihwanzi liyinhhlwa yokuqala esixwexweni sezinhhlwa – <i>Hydrogen is the first element in the periodic table</i>
2 Helium	Ihwelanga	Ihwelanga liyinhhlwa eluhlengesi kunomoya – <i>Helium is an element lighter than air</i>
3 Lithium	Umthanya	Iziphathanzuba zomakhalipha zikhandwa ngomthanya – <i>Smartphone batteries are made with lithium</i>
4 Beryllium	Ibehlezani	Ibehlezani liyisithako sezigcoyi zezivoko - <i>Beryllium is the material in satellites components</i>
5 Boron	Umbohlwa	Umbohlwa ngokuyinhloko usetshenziswa emixubeni yevange – <i>Boron is primarily used in chemical compounds</i>
6 Carbon	Umcalahle	Inani lobuchwe lomcalahle isithupha – <i>The atomic number of carbon is 6</i>
7 Nitrogen	Inihwe	Inihwe aliyona inkimbi, ngokuba liwuhowo – <i>Nitrogen is non-metal, because it's a gas</i>
8 Oxygen	Isohwe	Isohwe siyinhhlwa engumoyampilo - <i>Oxygen is life giving element</i>
9 Fluorine	Ufusihwe	Ufusihwe lusabela ezinhhlweni eziningi – <i>Flourine reacts to most elements</i>
10 Neon	Inkanyihwe	Inkanyihwe iluhowo oluntentemukayo, olungenambala – <i>Neon is a colorless inert gas</i>
11 Sodium	Inaside	Inaside lapho siqalangana nechwenzi kwakheka itswayi - <i>When sodium bonds with chlorine salt is created</i>
12 Magnesium	Umgethe	Umgethe uyatholakala emzimbeni womuntu – <i>Magnesium is available in the human body</i>
13 Aluminum	Isalumbe	Isalumbe siyinhhlwa eswele ubuwonga – <i>Aluminium is a nonmagnetic element</i>
14 Silicon	Isiphemba	Isiphemba siyinhhlwa evamile kumkhathilibe – <i>Silicon is a common element in the universe</i>
15 Phosphorus	Ipholoba	Ipholoba lisetshenziswa kakhulu kwezolimo – <i>Phosphorus is mostly used in agriculture</i>
16 Sulphur	Isibabuli	Isibabuli siyinhhlwa yesihlanu eyinala emhlabeni – <i>Sulphur is the fifth abundant element on earth</i>
17 Chlorine	Ichwenzi	Ichwenzi kuchwenzwa ngalo amanzi – <i>Chlorine is used in water chlorination</i>
18 Argon	Isalahwe	Isalahwe uhowo olukumoyambulunga womhlaba – <i>Argon is a gas in the earth's atmosphere</i>



19 Potassium	Umkhosha	Umkhosha uyazikhulisa izitshalo – <i>Potassium helps plants grow</i>
20 Calcium	Umcaphana	Ubisi lunemisoco nomcaphana – <i>Milk has nutrients and calcium</i>
21 Scandium	Isicambi	Isicambi sithathwa njengenhhlwa enganabo ubuthi – <i>Scandium is considered a nontoxic element</i>
22 Titanium	Intsazayiya	Intsazayiya yinhhlwa yevange yama-22 esixwexweni sezinhhlwa – <i>Titanium is the 22nd element in the periodic table</i>
23 Vanadium	Uvathofi	Uvathofi uchaziswa njengontobontobo ngoba uyalembuluka, uyagoboyeka futhi uluvendle – <i>Vanadium is described as soft because it is ductile, malleable and brittle</i>
24 Chromium	Umchiyangqwala	Umchiyangqwala awuhlushwa ukuvendlezwa yihwanzi – <i>Chromium does not suffer from hydrogen embrittlement</i>
25 Manganese	Umnyazambi	Ichwe lomnyazambi linezinzuba ezingama-25 nezinelesi ezingama-25 – <i>Manganese atom has 25 electrons and 25 protons</i>
26 Iron	Insimbi	Inhlwa evame kakhulu emhlabeni ibizwa insimbi – <i>The most common element on earth is iron</i>
27 Cobalt	Umconjambi	Umconjambi usetshenziselwa ukwenza iziphathanzuba ezidlwezwabusha – <i>Cobalt is used to make rechargeable batteries</i>
28 Nickel	Isinimbi	Isinimbi siwumsoco oyingqikithi kwezinye iziphilincinci – <i>Nickel is an essential nutrient for some microorganisms</i>
29 Copper	Usokhele	Usokhele usetshenziswa njengesisundubezi sekhoza namazuba – <i>Copper is used as a conductor of heat and electricity</i>
30 Zinc	Izethe	Ukuswela izethe kuthinta abantu abayizigidi ezimbili emhlabeni – <i>Zinc deficiency affect two billion people on earth</i>
31 Gallium	Umgambana	Umgambana uyancibilika esandleni somuntu – <i>Gallium melts in the human hand</i>
32 Germanium	Umgwangaza	Umgwangaza uyisiqa esikhukhumalayo laphe sinquma – <i>Germanium is a substance that expands as it solidifies</i>
33 Arsenic	Isasumu	Isasumu sitholakala ngokwemvelo ezimbiweni eziningi – <i>Arsenic occurs naturally in many minerals</i>
34 Selenium	Isewezi	Isewezi sinamachembe angokwemvelo ayisikhombisa – <i>Selenium has seven naturally occurring isotopes</i>
35 Bromine	Umbhulufu	Umbhulufu uluketshezi olubomvu-samunwe olushwamukayo – <i>Bromine is a volatile red-brown liquid</i>



36 Krypton	Umkhalawe	Umkhalawe uluhowo oluntentemukayo olungenambala nolungenaphunga – <i>Krypton is a colorless, odorless noble gas</i>
37 Rubidium	ILubimbo	Ilubimbo liseqenjini lezinkimbi ezingqubathi -- <i>Rubidium is in the alkali metal group</i>
38 Strontium	Isolombi	Isolombi limuncwa ngumzimba ngendlela efana neyomcaphana -- <i>Strontium is absorbed by the body in a similar manner of calcium</i>
39 Yttrium	Umyambi	Umyambi ungaba nobuthi obuyingozi kubantu, izilwane nezitshalo – <i>Yttrium can be highly toxic to humans, animals and plants</i>
40 Zirconium	Izambedu	Esimeni soqotho, izambedu lithungeleka kalula – <i>In powder form, zirconium is highly flammable</i>
41 Niobium	Inobo	Inobo liyinkimbi elembulukayo nengumncwebe – <i>Niobium is a crystalline and ductile metal</i>
42 Molybdenum	Umophobo	Umophobo ungumsoco oyingqikithi wazo zonke iziphili eziyizimvelendeni – <i>Molybdenum is an essential nutrient for all eukaryote organisms</i>
43 Technetium	Umthanyambi	Iningi lezigubo zomthanyambi zaqagulwa nguDmitri Mendeleev – <i>Many of technetium's properties had been predicted by Dmitri Mendeleev</i>
44 Ruthenium	Isalanqwali	Isalanqwali siseqenjini lesiphohlango lesixwexwe sezinhla – <i>Ruthenium is in group 8 of the periodic table</i>
45 Rhodium	Ulundu	Inkimbi yelundu ayivamile ukwakha intuhla – <i>Rhodium metal does not normally form an oxide</i>
46 Palladium	Impanda	Impanda iseqenjini leshumi lesixwexwe sezinhla – <i>Palladium belongs to group 10 in the periodic table</i>
47 Silver	Icwebe	Icwebe litholakala egobohleni lomhlaba esimeni salo esicwebile – <i>Silver is found in the Earth's crust in the pure</i>
48 Cadmium	Umkhathofi	Ukusetshenziswa komkhathofi sekunciphile ngenxa yobuthi bawo – <i>Cadmium's use has decreased because it is toxic</i>
49 Indium	Inzulumbi	Ngokwenge, inzulumbi iyafana nomgambana nomthohla – <i>Chemically, indium is similar to gallium and thallium</i>
50 Tin	Isithanambi	Isithanambi sintobontobo ngokwanele ukuba singasikwa ngezikhwephana – <i>Tin is soft enough to be cut with little force</i>



51 Antimony	Isibidani	EfaseShayina lihamba phambili ekukhiqizeni isibidani nemixube yaso – <i>China is the largest producer of antimony and its compounds</i>
52 Tellurium	Intehla	Intehla yinhlwa evame umkhathilibe wonke – <i>Tellurium is more common in the universe</i>
53 Iodine	Inkwithi	Inkwithi iyisakhatshiwo esizinzile esinzima kakhulu – <i>The heaviest of the stable halogens is iodine</i>
54 Xenon	Ixhwe	Inani lobuchwe lexhwe lingama-54; okusho ukuthi linezinelesi ezingama-54 enuzini lalo – <i>Xenon has atomic number 54; that is, its nucleus contains 54 protons</i>
55 Cesium	Umcanga	Umcanga ungenye yezinkimbi ezinhlanu eziluketshezi emazingeni okushisa egumbi – <i>Cesium is one of only five metals that are liquid at or near room temperature</i>
56 Barium	Umbhanya	Iningi lezigubo zombhanya azikanqunywa ngokunembile – <i>Many of barium's properties have not been accurately determined</i>
57 Lanthanum	ILalamthumbi	Inani lobuchwe le lalamthumbi lingama-57 – <i>Lanthanum atomic number is 57</i>
58 Cerium	Ishambe	Ishambe liyinkimbi elembulukayo neluzica njengecwebe – <i>It is a ductile metal with a hardness similar to that of silver</i>
59 Praseodymium	Umphahlazambi	Umphahlazambi unesizima ngenxa yezigubo zawo zobuwonga, zamazuba, zevange nezokukhanya – <i>Praseodymium is alued for its magnetic, electrical, chemical, and optical properties</i>
60 Neodymium	Indalamhonyambi	Inqwaba yendalamhonyambi esemhlabeni ivukuzwa kwelaseShayina – <i>Most of the world's neodymium is mined in China</i>
61 Promethium	Umphomethimbi	Ichwe lomphomethimbi linezinzuba ezingama-61 – <i>A promethium atom has 61 electrons</i>
62 Samarium	Umsambi	Umsambi uyinkimbi ecwebezelayo eluzica ethuhlekayo ekudibaneni nomoya – <i>It is a moderately hard silvery metal that slowly oxidizes in air</i>
63 Europium	Umnulundu	Umnulundu awunalo iqhaza elaziwa ngokwemvelo – <i>Europium has no significant biological role</i>
64 Gadolinium	Umgedembulu	Umgedembulu uyasabela esohweni somoyambulunga – <i>Gadolinium reacts with atmospheric oxygen</i>



65 Terbium	Umthabathofi	Umthabathofi uthathwa njengenhla engenabungozi, nakuba ubuthi bayo bungaziwa – <i>Terbium is considered non-hazardous, though its toxicity is not known</i>
66 Dysprosium	Umdanyathofi	Umdanyathofi uyinhla eyivelakanci lezomlalathumbi – <i>Dysprosium is a rare-earth element in the lanthanide</i>
67 Holmium	Umhomambi	Umhomambi ocwebile uba nomcakulo wentuhla oncombo ekudibaneni nomoya – <i>Pure holmium slowly forms a yellowish oxide coating when exposed to air</i>
68 Erbium	Indwembi	Indwembi ayithuhleki njengezinye izinkimbi ezingamavelakanci – <i>Erbium does not oxidize as quickly as some other rare-earth metals</i>
69 Thulium	Umthuthumbi	Umthuthumbi awutholakali ocwebile ngokwemvelo, kodwa utholwa ngezingcosana ezimbiweni – <i>Thulium is never found in nature in pure form, but it is found in small quantities in minerals</i>
70 Ytterbium	Umyabambi	Umyabambi utholakala kwezinye izinhla ezingamavelakanci – <i>Ytterbium is found with other rare-earth elements</i>
71 Lutetium	Umluthambi	Umluthambi umelana nokugqwala emoyeni owomile, kodwa hhayi emoyeni oswakeme – <i>Lutetium resists corrosion in dry air, but not in moist air</i>
72 Hafnium	Umlafantunge	Izigubo zevange zomhlafantunge nezambedu cishe zafana – <i>The chemical properties of hafnium and zirconium are nearly identical</i>
73 Tantalum	Umthulumbi	Izinhla zeqembu lesihlanu, zihlanganisa uvathofi, umthulumbi nenobo -- <i>Group 5 elements include vanadium, tantalum and niobium</i>
74 Tungsten	Umzithowe	Kuzo zonke izinkimbi, umzithowe uncibilika emazingeni aphezulu okushisa – <i>Of all metals in pure form, tungsten has the highest melting point</i>
75 Rhenium	Umlenembi	Inani lobuchwe lomlenembi lingama-75 – <i>Rhenium's atomic number is 75</i>
76 Osmium	Umosisivu	Umosisivu uyinhla eyivelakanci egobohleni lomhlaba – <i>Osmium is one of the rarest elements in the Earth's crust</i>
77 Iridium	Imbidi	Imbidi inkimbi eluvendle, nokunzima kakhulu ukuyishisela– <i>Iridium is extremely brittle, to the point of being hard to weld</i>



78 Platinum	Ikhazi	Ikhazi liyinhlwa ekwazi ukumelana nokugqwala – <i>Platinum has remarkable resistance to corrosion</i>
79 Gold	Imbedu	Imbedu iyinkimbi elembulukayo, entobontobo, egoboyekayo, enombala ontshungwa saphuzi, ekhanyayo – <i>Gold is a bright orange-yellow, soft, malleable, and ductile metal</i>
80 Mercury	Isigidi	Isigidi siwukuphela kwenhlwa eyinkimbi eyaziwa ngokuba uketshezi – <i>Mercury is the only metallic element that is known to be liquid</i>
81 Thallium	Umthohla	Ichwe lomthohla linezinzuba ezingama-81 – <i>A thallium atom has 81 electrons</i>
82 Lead	Umthofu	Umthofu untobontobo, futhi uyagoboyeka kalula – <i>Lead is soft, and very malleable</i>
83 Bismuth	Ibima	Ibima lalididaniswa nesithanambi nomthofu ngenxa yenswebu efana neyazo – <i>Bismuth used to be confused with tin and lead because of its resemblance to those elements</i>
84 Polonium	Imposumu	Imposumu siyinkimbi eyivelakanci futhi eyonzayo – <i>Polonium is a rare and highly radioactive metal</i>
85 Astatine	Isatsha	Isatsha siyivelakanci ngoba siwumkhiqizo wokubhucuka kwezinhle ezinzima – <i>Astatine is very rare because it's a decay product of other heavier elements.</i>
86 Radon	Umlahwe	Umlahwe uluhowo oluntentemukayo oluyonzayo, olungenambala nolungenaphunga – <i>Radon is a radioactive noble gas and is colorless and odorless.</i>
87 Francium	Ishabalalambi	Amachembe weshabalalambi abhucuka ngokushesha abe yisatsha nomsebembi – <i>Francium's isotopes decay quickly into astatine and radium</i>
88 Radium	Umsebembi	Umsebembi wavubukulwa nguMarie Currie nomyeni wakhe ngonyaka we-1898 – <i>Radium was discovered by Marie Curie and her husband in 1898</i>
89 Actinium	Isacagu	Isacagu sisabela ngokushesha kwisohwe nomswakama osemoyeni – <i>Actinium reacts rapidly with oxygen and moisture in air</i>



90 Thorium	Isithomsizi	Iziphehli esibaswa ngesithomsizi aziyingcolisi imvelo njengezeshaqantuva – <i>Thorium-fuelled reactors are much more environmentally friendly than uranium plants</i>
91 Protactinium	Umphacagu	Ngenxa yobuthi nokuyonza, umphacagu usetshenziswa ocwaningweni lwenzululwazi kuphela – <i>Because of its toxicity and radioactivity, protactinium is only used scientific research</i>
92 Uranium	Ishaqantuva	Izikhali zenuzi zikhandwa ngemfucuza yeshaqantuva – <i>Atomic weapons are created with uranium waste</i>
93 Neptunium	Umnaphangana	Ichwe lomnaphagana linezinelesi ezingama-93 nezinzuba ezingama-93 – <i>A neptunium atom has 93 protons and 93 electrons</i>
94 Plutonium	Impulu	Impulu yinhlwa enenani lobuchwe eliphezulu ngokwemvelo – <i>Plutonium is the element with the highest atomic number in nature</i>
95 Americium	Isamoshi	Isamoshi sikhiqizwa ngokuqhumisa ishaqantuva noma impulu ngezintunge – <i>Americium is produced by bombarding uranium or plutonium with neutrons</i>
96 Curium	Ichumumbi	Uma ichumumbi lingangena emzimbeni, lizonqwabelana emaphashini nasemathanjeni – <i>If curium gets into the human body, it will accumulate in bones, lungs</i>
97 Berkelium	Imbeke	Imbeke iyinkimbi eyonzayo, entobontobo, emhlophe sacwebe – <i>Berkelium is a soft, silvery-white, radioactive metal.</i>
98 Californium	Umngcalife	Inkimbi yomngcalife ecwebile iyagoboyeka futhi ingasikwa kalula ngesigece – <i>Pure californium metal is malleable and is easily cut with a knife</i>
99 Einsteinium	Isentshenye	Isentshenye lisetshenziswa ocwaningweni lwenzululwazi kuphela – <i>Einsteinium is only used in scientific research</i>
100 Fermium	Umfeme	Umfeme unamachembe aziwayo angama-20 – <i>Fermium has 20 known isotopes</i>
101 Mendelevium	Umendele	Umendele yinhlwa eqanjwe ngoDmitri Mendeleev – <i>Mendelevium is the element was named after Dmitri Mendeleev</i>
102 Nobelium	Inombi	Ichwe le nobo linezinzuba ezilikhulu nambili – <i>A nobelium atom has 102 electrons</i>



103 Lawrencium	Umlangalambi	Umlangalambi ukhiqizwa ngokuqhumisa izinhlela eziluhlangeni ngezinhlayiyana ezinomlelela – <i>Lawrencium is created by bombarding lighter elements with charged particles</i>
104 Rutherfordium	Umlefelambi	Umlefelambi ukhandwa ngokuhlanganisa amanye amanuzi amabili anobungako obungalingani – <i>Rutherfordium is created by combining two other nuclei of unequal size</i>
105 Dubnium	Umdubumbi	Imbalwa imininingo yomgqanso ngomdubumbi – <i>There's few experimental data about dubnium</i>
106 Seaborgium	Isigamchibi	Isigamchibi siyinhlela eyonzayo engatholakali ngokwemvelo – <i>Seaborgium is a radioactive element not found in nature</i>
107 Bohrium	Ibhohombi	Isixwexweni sezinhlela ibhohombi liseqenjini lomkhoti – <i>In the periodic table Bohrium is in group 7</i>
108 Hassium	Umhasambi	Umhasambi ukhandwa ngokuxuba amanuzi asindayo kanye naluhlangeni – <i>Hassium is created by fusing heavy nuclei with lighter ones</i>
109 Meitnerium	Umtshambi	Umtshambi uyinhlela eyakhiwe engqalabeni – <i>Meitnerium is an element created in a laboratory</i>
110 Darmstadtium	Idamasimbi	Idamasimbi linezigubo ezifanayo nesinimbi nekhazi – <i>Darmstadtium have properties similar to nickel and platinum</i>
111 Roentgenium	Ilugambi	Ilugambi linezigubo ezifanayo necwebe nembedu – <i>Roentgenium have similar properties to silver and gold</i>
112 Copernicium	Ichusinimbi	Lapho ichusinimbi lisabela nembedu, liyashwamuka – <i>When copernicium reacts with gold, it becomes volatile</i>
113 Nihonium	Umnihombi	Umnihombi ubhucuka ngokushesha ngemizuzwana embalwa – <i>Nihonium decays fast within seconds</i>
114 Flerovium	Umfelombi	Kungakhiqizwa ichwe lomfelombi elilodwa kuphela ngesikhathi – <i>Flerovium can only be produced one atom at a time</i>
115 Moscovium	Umcombi	Inani lobuchwe lomcombi lingama-115 - <i>Moscovium atomic number is 115</i>
116 Livermorium	ILivambi	ILivambi linamachembe ayisithupha aziwayo – <i>Livermorium has six known isotopes</i>
117 Tennessine	Ithesembi	Ithesembi linesisindo sobuchwe esingama-294 – <i>Tennessine has an atomic mass of 294</i>
118 Oganesson	Isogambi	Isogambi siyinhlela yokuzakhela eyakhandwa ngowezi-2022 <i>Oganesson is a synthetic element synthesised in 2022</i>