

## Alchemical Symbols

Range: 1F700–1F77F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 17.0*

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See <https://www.unicode.org/errata/> for an up-to-date list of errata.

See <https://www.unicode.org/charts/> for access to a complete list of the latest character code charts. See <https://www.unicode.org/charts/PDF/Unicode-17.0/> for charts showing only the characters added in Unicode 17.0. See <https://www.unicode.org/Public/17.0.0/charts/> for a complete archived file of character code charts for Unicode 17.0. See <https://www.unicode.org/charts/About.html#Conventions> for conventions used in these code charts, and other general information.

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See <https://www.unicode.org/ucd/> and <https://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

### Fonts

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See <https://www.unicode.org/charts/fonts.html> for a list.

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


























































































































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0	 1F700	 1F710	 1F720	 1F730	 1F740	 1F750	 1F760	 1F770
1	 1F701	 1F711	 1F721	 1F731	 1F741	 1F751	 1F761	 1F771
2	 1F702	 1F712	 1F722	 1F732	 1F742	 1F752	 1F762	 1F772
3	 1F703	 1F713	 1F723	 1F733	 1F743	 1F753	 1F763	 1F773
4	 1F704	 1F714	 1F724	 1F734	 1F744	 1F754	 1F764	 1F774
5	 1F705	 1F715	 1F725	 1F735	 1F745	 1F755	 1F765	 1F775
6	 1F706	 1F716	 1F726	 1F736	 1F746	 1F756	 1F766	 1F776
7	 1F707	 1F717	 1F727	 1F737	 1F747	 1F757	 1F767	 1F777
8	 1F708	 1F718	 1F728	 1F738	 1F748	 1F758	 1F768	 1F778
9	 1F709	 1F719	 1F729	 1F739	 1F749	 1F759	 1F769	 1F779
A	 1F70A	 1F71A	 1F72A	 1F73A	 1F74A	 1F75A	 1F76A	 1F77A
B	 1F70B	 1F71B	 1F72B	 1F73B	 1F74B	 1F75B	 1F76B	 1F77B
C	 1F70C	 1F71C	 1F72C	 1F73C	 1F74C	 1F75C	 1F76C	 1F77C
D	 1F70D	 1F71D	 1F72D	 1F73D	 1F74D	 1F75D	 1F76D	 1F77D
E	 1F70E	 1F71E	 1F72E	 1F73E	 1F74E	 1F75E	 1F76E	 1F77E
F	 1F70F	 1F71F	 1F72F	 1F73F	 1F74F	 1F75F	 1F76F	 1F77F

**Symbols for Aristotelian elements**

- 1F700 ☿ ALCHEMICAL SYMBOL FOR QUINTESSENCE  
 1F701 △ ALCHEMICAL SYMBOL FOR AIR  
 1F702 △ ALCHEMICAL SYMBOL FOR FIRE  
 → 25B3 △ white up-pointing triangle  
 1F703 ▽ ALCHEMICAL SYMBOL FOR EARTH  
 → 2641 ♂ earth  
 1F704 ▽ ALCHEMICAL SYMBOL FOR WATER  
 → 25BD ▽ white down-pointing triangle

**Symbols for important solvents**

- 1F705 ☿ ALCHEMICAL SYMBOL FOR AQUAFORTIS  
 1F706 ☿ ALCHEMICAL SYMBOL FOR AQUA REGIA  
 1F707 ☿ ALCHEMICAL SYMBOL FOR AQUA REGIA-2  
 = balneum arenae (sand bath), lapis armenus  
 (Armenian stone)  
 1F708 ☿ ALCHEMICAL SYMBOL FOR AQUA VITAE  
 = spiritus vini  
 1F709 ☿ ALCHEMICAL SYMBOL FOR AQUA VITAE-2  
 1F70A + ALCHEMICAL SYMBOL FOR VINEGAR  
 = crucible; acid; distill; atrament; vitriol; red sulfur;  
 borax; wine; alkali salt; mercurius vivus, quick  
 silver  
 → 2629 ☿ cross of jerusalem  
 1F70B ☿ ALCHEMICAL SYMBOL FOR VINEGAR-2  
 = distilled vinegar  
 1F70C ☿ ALCHEMICAL SYMBOL FOR VINEGAR-3

**Symbols for sulfur and mercury**

- 1F70D ☿ ALCHEMICAL SYMBOL FOR SULFUR  
 = brimstone  
 1F70E ☿ ALCHEMICAL SYMBOL FOR PHILOSOPHERS  
 SULFUR  
 1F70F ☿ ALCHEMICAL SYMBOL FOR BLACK SULFUR  
 = sulfur nigra, dye  
 1F710 ☿ ALCHEMICAL SYMBOL FOR MERCURY  
 SUBLIMATE  
 → 263F ☿ mercury  
 → 1F75E ☿ alchemical symbol for sublimation  
 1F711 ☿ ALCHEMICAL SYMBOL FOR MERCURY  
 SUBLIMATE-2  
 1F712 ☿ ALCHEMICAL SYMBOL FOR MERCURY  
 SUBLIMATE-3  
 1F713 ☿ ALCHEMICAL SYMBOL FOR CINNABAR

**Symbols for salt, vitriol, and nitre**

- 1F714 ⊖ ALCHEMICAL SYMBOL FOR SALT  
 → 25A1 □ white square  
 → 2296 ⊖ circled minus  
 1F715 ⊖ ALCHEMICAL SYMBOL FOR NITRE  
 → 29B6 ⊖ circled vertical bar  
 1F716 ⊖ ALCHEMICAL SYMBOL FOR VITRIOL  
 1F717 ⊖ ALCHEMICAL SYMBOL FOR VITRIOL-2  
 1F718 ☿ ALCHEMICAL SYMBOL FOR ROCK SALT  
 = sal gemmae  
 1F719 ☿ ALCHEMICAL SYMBOL FOR ROCK SALT-2

**Symbols for gold and silver**

- 1F71A ☿ ALCHEMICAL SYMBOL FOR GOLD  
 → 2609 ☿ sun  
 1F71B ☿ ALCHEMICAL SYMBOL FOR SILVER  
 → 263D ☿ first quarter moon  
 → 263E ☿ last quarter moon

**Symbols for iron, iron ore and derivatives**

- 1F71C ☿ ALCHEMICAL SYMBOL FOR IRON ORE  
 → 2642 ♂ male sign  
 1F71D ☿ ALCHEMICAL SYMBOL FOR IRON ORE-2  
 1F71E ☿ ALCHEMICAL SYMBOL FOR CROCUS OF IRON  
 = crocus martis, red or yellow calcined powder of  
 iron  
 → 26A6 ♂ male with stroke sign  
 1F71F ☿ ALCHEMICAL SYMBOL FOR REGULUS OF IRON  
 = regulus martis, scoria from refining  
 stibnite/antimony with iron

**Symbols for copper, copper ore and derivatives**

- 1F720 ☿ ALCHEMICAL SYMBOL FOR COPPER ORE  
 → 2640 ♀ female sign  
 1F721 ☿ ALCHEMICAL SYMBOL FOR IRON-COPPER ORE  
 → 26A5 ☿ male and female sign  
 1F722 ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF  
 COPPER  
 → 1F739 ☿ alchemical symbol for sal-  
 ammoniac  
 1F723 ☿ ALCHEMICAL SYMBOL FOR CROCUS OF  
 COPPER  
 = crocus veneris, aes ustum  
 1F724 ☿ ALCHEMICAL SYMBOL FOR CROCUS OF  
 COPPER-2  
 1F725 ☿ ALCHEMICAL SYMBOL FOR COPPER  
 ANTIMONIATE  
 = crocus of copper, crocus veneris, lapis  
 haematites  
 → 2641 ♂ earth  
 1F726 ☿ ALCHEMICAL SYMBOL FOR SALT OF COPPER  
 ANTIMONIATE  
 → 1F714 ⊖ alchemical symbol for salt  
 1F727 ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF  
 SALT OF COPPER  
 → 1F739 ☿ alchemical symbol for sal-  
 ammoniac  
 1F728 ⊕ ALCHEMICAL SYMBOL FOR VERDIGRIS  
 = aes viride, copper subacetate  
 = astronomical symbol for earth  
 → 2295 ⊕ circled plus  
 → 2641 ♂ earth

**Symbols for tin and lead ore**

- 1F729 ☿ ALCHEMICAL SYMBOL FOR TIN ORE  
 → 2643 ☿ jupiter  
 1F72A ☿ ALCHEMICAL SYMBOL FOR LEAD ORE  
 → 2644 ☿ saturn

**Symbols for antimony, antimony ore and derivatives**

- 1F72B ☿ ALCHEMICAL SYMBOL FOR ANTIMONY ORE  
 = stibnite  
 → 2641 ♂ earth  
 1F72C ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF  
 ANTIMONY  
 → 1F739 ☿ alchemical symbol for sal-  
 ammoniac  
 1F72D ☿ ALCHEMICAL SYMBOL FOR SALT OF  
 ANTIMONY  
 = cinnabar  
 → 1F714 ⊖ alchemical symbol for salt  
 1F72E ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF  
 SALT OF ANTIMONY  
 1F72F ☿ ALCHEMICAL SYMBOL FOR VINEGAR OF  
 ANTIMONY

1F730		ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY = antimony metal
1F731		ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY-2
1F732		ALCHEMICAL SYMBOL FOR REGULUS
1F733		ALCHEMICAL SYMBOL FOR REGULUS-2
1F734		ALCHEMICAL SYMBOL FOR REGULUS-3
1F735		ALCHEMICAL SYMBOL FOR REGULUS-4
<b>Symbols for other substances</b>		
1F736		ALCHEMICAL SYMBOL FOR ALKALI = sal alkali
1F737		ALCHEMICAL SYMBOL FOR ALKALI-2
1F738		ALCHEMICAL SYMBOL FOR MARCASITE = iron pyrite, iron sulfide
1F739		ALCHEMICAL SYMBOL FOR SAL-AMMONIAC = ammonium chloride → 002A * asterisk → 26B9 * sextile → 2733 * eight spoked asterisk
1F73A		ALCHEMICAL SYMBOL FOR ARSENIC → 29DF ∞ double-ended multimap
1F73B		ALCHEMICAL SYMBOL FOR REALGAR = arsenic sulfide
1F73C		ALCHEMICAL SYMBOL FOR REALGAR-2 = arsenic sulfide
1F73D		ALCHEMICAL SYMBOL FOR AURIPIGMENT = orpiment = arsenic trisulfide
1F73E		ALCHEMICAL SYMBOL FOR BISMUTH ORE = tinglass → 2646 Ψ neptune
1F73F		ALCHEMICAL SYMBOL FOR TARTAR = impure potassium tartrate
1F740		ALCHEMICAL SYMBOL FOR TARTAR-2 = impure potassium tartrate
1F741		ALCHEMICAL SYMBOL FOR QUICK LIME = calx viva = calcium oxide
1F742		ALCHEMICAL SYMBOL FOR BORAX
1F743		ALCHEMICAL SYMBOL FOR BORAX-2
1F744		ALCHEMICAL SYMBOL FOR BORAX-3
1F745		ALCHEMICAL SYMBOL FOR ALUM
1F746		ALCHEMICAL SYMBOL FOR OIL → 0F1C ∞ tibetan sign rdel dkar gsum
1F747		ALCHEMICAL SYMBOL FOR SPIRIT
1F748		ALCHEMICAL SYMBOL FOR TINCTURE
1F749		ALCHEMICAL SYMBOL FOR GUM
1F74A		ALCHEMICAL SYMBOL FOR WAX = cera
1F74B		ALCHEMICAL SYMBOL FOR POWDER = pulvis
1F74C		ALCHEMICAL SYMBOL FOR CALX = calcinare = oxide residue, calcium oxide
1F74D		ALCHEMICAL SYMBOL FOR TUTTY = tutia, crude zinc oxide sublimate = aes viride
1F74E		ALCHEMICAL SYMBOL FOR CAPUT MORTUUM = worthless residue of sublimation or distillation
1F74F		ALCHEMICAL SYMBOL FOR SCEPTER OF JOVE
1F750		ALCHEMICAL SYMBOL FOR CADUCEUS → 2624 ☯ caduceus
1F751		ALCHEMICAL SYMBOL FOR TRIDENT

1F752		ALCHEMICAL SYMBOL FOR STARRED TRIDENT
1F753		ALCHEMICAL SYMBOL FOR LODESTONE = magnes
1F754		ALCHEMICAL SYMBOL FOR SOAP → 25CA ◇ lozenge → 2B26 ◇ white medium diamond
1F755		ALCHEMICAL SYMBOL FOR URINE → 22A1 □ squared dot operator
1F756		ALCHEMICAL SYMBOL FOR HORSE DUNG = fimus equinus
1F757		ALCHEMICAL SYMBOL FOR ASHES = cineres
1F758		ALCHEMICAL SYMBOL FOR POT ASHES = cineres clavellati, alumen
1F759		ALCHEMICAL SYMBOL FOR BRICK
1F75A		ALCHEMICAL SYMBOL FOR POWDERED BRICK = later cibratus, farina laterum

**Composition**

1F75B		ALCHEMICAL SYMBOL FOR AMALGAM
1F75C		ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM
1F75D		ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM-2

**Processes**

1F75E		ALCHEMICAL SYMBOL FOR SUBLIMATION → 260A ∞ ascending node → 264E ∞ libra
1F75F		ALCHEMICAL SYMBOL FOR PRECIPITATE
1F760		ALCHEMICAL SYMBOL FOR DISTILL = sublimate
1F761		ALCHEMICAL SYMBOL FOR DISSOLVE → 0192 f latin small letter f with hook → 2A0D f finite part integral
1F762		ALCHEMICAL SYMBOL FOR DISSOLVE-2 = water, aqua
1F763		ALCHEMICAL SYMBOL FOR PURIFY → 260B ∞ descending node
1F764		ALCHEMICAL SYMBOL FOR PUTREFACTION

**Apparatus**

1F765		ALCHEMICAL SYMBOL FOR CRUCIBLE = tigillum → 1F70A + alchemical symbol for vinegar
1F766		ALCHEMICAL SYMBOL FOR CRUCIBLE-2
1F767		ALCHEMICAL SYMBOL FOR CRUCIBLE-3
1F768		ALCHEMICAL SYMBOL FOR CRUCIBLE-4 → 0166 T latin capital letter t with stroke
1F769		ALCHEMICAL SYMBOL FOR CRUCIBLE-5
1F76A		ALCHEMICAL SYMBOL FOR ALEMBIC
1F76B		ALCHEMICAL SYMBOL FOR BATH OF MARY = balneum mariae
1F76C		ALCHEMICAL SYMBOL FOR BATH OF VAPOURS = balneum vaporis
1F76D		ALCHEMICAL SYMBOL FOR RETORT → 2697 ☿ alembic

**Time**

1F76E		ALCHEMICAL SYMBOL FOR HOUR → 231B ⌚ hourglass → 29D6 ⌚ white hourglass
1F76F		ALCHEMICAL SYMBOL FOR NIGHT
1F770		ALCHEMICAL SYMBOL FOR DAY-NIGHT

- 1F771 ☒ ALCHEMICAL SYMBOL FOR MONTH  
 = mensis  
 → 22A0 ☒ squared times

**Measures**

- 1F772 ʒ ALCHEMICAL SYMBOL FOR HALF DRAM  
 = drachma semis  
 • handwritten ligature of 0292 ʒ + 00DF ʒ ,  
 typically spelled out as ʒss  
 → 0292 ʒ latin small letter ezh
- 1F773 ʒ ALCHEMICAL SYMBOL FOR HALF OUNCE  
 = uncia semis  
 • handwritten ligature of 2125 ʒ + 00DF ʒ ,  
 typically spelled out as 2125 ʒ ss  
 → 2125 ʒ ounce sign

**Other symbol**

- 1F774 ⊗ LOT OF FORTUNE  
 = pars fortunae  
 → 2297 ⊗ circled times

**Eclipse symbols**

- 1F775 ☿ OCCULTATION  
 → 260C ☿ conjunction
- 1F776 ♀ LUNAR ECLIPSE  
 → 260D ♀ opposition

**Historical symbols for asteroids**

- 1F777 ♀ VESTA FORM TWO  
 → 26B6 ♀ vesta
- 1F778 ♀ ASTRAEA FORM TWO  
 → 2BD9 ♀ astraea
- 1F779 ♀\* HYGIEA FORM TWO  
 → 2BDA ♀ hygiea
- 1F77A ♀ PARTHENOPE FORM TWO  
 = Lyra  
 → 1CEC4 ♀ parthenope

**Symbols for dwarf planets**

- 1F77B ♀ HAUMEA
- 1F77C ♀ MAKEMAKE
- 1F77D ♀ GONGGONG
- 1F77E ♀ QUAOAR
- 1F77F ♀ ORCUS