

## Alchemical Symbols

Range: 1F700–1F77F

### The Unicode Standard, Version 15.1

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 15.1*

Characters in this chart that are new for The Unicode Standard, Version 15.1 are shown in conjunction with any existing characters. For ease of reference, the new characters have been highlighted in yellow in the chart grid and in the names list. Characters with significant glyph updates or changes to standardized variation sequences are highlighted in violet.

This file will not be updated with errata, or when additional characters are assigned to the Unicode Standard. 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-15.1/> for charts showing only the characters added in Unicode 15.1. See <https://www.unicode.org/Public/15.1.0/charts/> for a complete archived file of character code charts for Unicode 15.1. See <https://www.unicode.org/charts/About.html#Conventions> for conventions used in these code charts, and other general information.

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These charts are provided as the online reference to the character contents of the Unicode Standard, Version 15.1 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 15.1, online at <https://www.unicode.org/versions/Unicode15.1.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

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

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

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



























































































































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See <https://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.

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	1F700	1F710	1F720	1F730	1F740	1F750	1F760	1F770
0								
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**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  
 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

**Symbols for other substances**

- 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 ♃ 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  
= *firmus 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
- 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
- 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  
= tigellum  
→ 1F70A ☽ alchemical symbol for vinegar
- 1F766 ☽ ALCHEMICAL SYMBOL FOR CRUCIBLE-2
- 1F767 ☽ ALCHEMICAL SYMBOL FOR CRUCIBLE-3
- 1F768 ☽ ALCHEMICAL SYMBOL FOR CRUCIBLE-4  
→ 22A4 ☽ down tack
- 1F769 ☽ ALCHEMICAL SYMBOL FOR CRUCIBLE-5
- 1F76A ☽ ALCHEMICAL SYMBOL FOR ALEMBIC
- 1F76B MB ALCHEMICAL SYMBOL FOR BATH OF MARY  
= balneum mariae
- 1F76C VB ALCHEMICAL SYMBOL FOR BATH OF VAPOURS  
= balneum vaporis
- 1F76D ☽ ALCHEMICAL SYMBOL FOR RETORT  
→ 2697 ☽ alembic

**Time**

- 1F76E ⚔ ALCHEMICAL SYMBOL FOR HOUR  
→ 231B ⚔ hourglass
- 1F76F ♃ ALCHEMICAL SYMBOL FOR NIGHT
- 1F770 ☽ ALCHEMICAL SYMBOL FOR DAY-NIGHT
- 1F771 ☐ ALCHEMICAL SYMBOL FOR MONTH  
= mensis  
→ 22A0 ☐ squared times

**Measures**

- 1F772 𐆆 ALCHEMICAL SYMBOL FOR HALF DRAM  
= drachma semis  
• handwritten ligature of 0292 𐆆 + 00DF B,  
typically spelled out as 3ss  
→ 0292 𐆆 latin small letter ezh
- 1F773 𐆇 ALCHEMICAL SYMBOL FOR HALF OUNCE  
= uncia semis  
• handwritten ligature of 2125 𐆇 + 00DF B,  
typically spelled out as 2125 𐆇 ss  
→ 2125 𐆇 ounce sign

**Other symbol**

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

**Eclipse symbols**

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

**Symbols for dwarf planets**

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