

## 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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These charts are provided as the online reference to the character contents of the Unicode Standard, Version 17.0 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 17.0*, online at <https://www.unicode.org/versions/Unicode17.0.0/>, as well as the *Unicode Standard Annexes*, the other *Unicode Technical Reports* and *Standards*, and the *Unicode Character Database*, which are available online.

*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

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts.

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

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	1F70	1F71	1F72	1F73	1F74	1F75	1F76	1F77
0	QE	☿	♀	☽	ᛖ	—	☱	♂
1	△	♀♀	⚥	⊕	☲	☱	ƒ	⊗
2	△	○-	○*	☽	☳	*€	☱	☲
3	▽	♀♀	○○	○○	☲	○○	○○	☲
4	▽	○○	⊕€	☲	☲	◇	+	⊗
5	▽	○○	♀	☽	☲	□•	▽	●
6	▽	○○	♀	○○	○○	○○	○○	●
7	Ⓐ	○○	＊	□	~	+	☱	☱
8	Ⓐ	○○	*	□	~	+	☱	☱
9	○○	◇	○○	※	○○	■■■	▽	?
A	+	↗	↗	∞	○○	■■■	XX	YY
B	●●	○○	○○	○○	○○	○○	MB	MB
C	:::	♂	*	⊗⊗	⊕	sss	VB	⊗
D	△	♂	⊕	○○	⊗⊗	fff	○○	##
E	△	△	*	○○	○○	fff	○○	##
F	○○	☽	⊕	☲	⊗⊗	fff	○○	⊗

**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 haematis  
     → 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

→ 01C ⚷ 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

#### 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 f ALCHEMICAL SYMBOL FOR DISSOLVE

→ 0192 f latin small letter f with hook

→ 2AO 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 ☠ 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 ₧ ALCHEMICAL SYMBOL FOR HALF DRAM  
 = drachma semis  
 • handwritten ligature of 0292 ₢ + 00DF ₩,  
 typically spelled out as ₢ss  
 → 0292 ₢ latin small letter ezh  
 1F773 ₯ ALCHEMICAL SYMBOL FOR HALF OUNCE  
 = uncia semis  
 • handwritten ligature of 2125 ₯ + 00DF ₩,  
 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

### Historical symbols for asteroids

1F777 ☎ VESTA FORM TWO  
 → 26B6 ☎ vesta  
 1F778 ☪ ASTRAEA FORM TWO  
 → 2BD9 ☪ astrea  
 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