

**chemical**

1. ['kemɪk(ə)] *n*

- 1) химический реактив; химический продукт; химикат
- 2) *pl* химикалии; химические препараты

2. ['kemɪk(ə)] *a*

- 1. 1) химический; относящийся к химии
  - chemical affinity - химическое средство
  - chemical constitution - число и расположение атомов в молекуле
  - chemical symbol - химический знак /символ/
  - chemical decay - химический распад
  - chemical propellant - химическое ракетное топливо
- 2) *воен.* химический; относящийся к химическому оружию; отравляющий
  - chemical attack [warfare] - химическое нападение [-ая война]
  - chemical agent - боевое отравляющее вещество
  - chemical projectile - химический снаряд
  - chemical war gases - химическое оружие; боевые отравляющие вещества
  - chemical warfare service - военно-химическая служба
  - chemical troops - химические войска
  - Chemical Corps - химические войска армии США
- 2. *слец.* противохимический
  - chemical defence /security/ - *воен.* противохимическая защита
  - chemical aid packet - *воен.* индивидуальный противохимический пакет

**chemical**

Oxford Advanced Learners Dictionary 8th Ed.

**chem·ical** **AW** [chemical chemicals] **adjective, noun** *BrE* ['kemɪkl] <sup>m</sup> *NAmE*

['kemɪkl] <sup>m</sup>

**adjective**

- 1. connected with chemistry
  - a chemical element
  - the chemical industry
- 2. produced by or using processes which involve changes to atoms or ↑molecules
  - **chemical reactions/processes**

Word Origin:

late 16th cent.: from French *chimique* or modern Latin *chimicus*, *chymicus*, from medieval Latin *alchymicus*, from *alchimia*, from Arabic *al-kīmiyā'*, from *al* 'the' + *kīmiyā'* (from Greek *khēmia*, *khēmeia* 'art of transmuting metals').

Derived Word ↑chemically

**noun**

- a substance obtained by or used in a chemical process
  - Farmers are being urged to reduce their use of chemicals and work with nature to combat pests.

Word Origin:

late 16th cent.: from French *chimique* or modern Latin *chimicus*, *chymicus*, from medieval Latin *alchymicus*, from *alchimia*, from Arabic *al-kīmiyā'*, from *al* 'the' + *kīmiyā'* (from Greek *khēmia*, *khēmeia* 'art of transmuting metals').

Thesaurus:

- chemical** **noun** **C**
  - a chemical used in cleaning products
- substance** • • **material** • • **gas** • • **element** •
- a **natural** chemical/substance/material/gas
- radioactive** chemicals/substances/materials/gases/elements
- a **toxic** chemical/substance/material/gas/element

Example Bank:

- We don't use many chemicals on our farm these days.
- chemicals discharged by industry into our lakes and rivers
- pollution from a big chemical plant
- Hormones are chemicals that are released in the body and control many important functions.
- This chemical is often used to make cleaning products.

**chemical**

Longman DOCE 5th Ed. (En-En)

I. **chem** **ɪ** **kal** <sup>1</sup> **S3 W3 AC** /'kemɪkəl/ *BrE* <sup>m</sup> *AmE* <sup>m</sup> **noun** [countable]

[**Word Family**: **noun**: ↑chemical, ↑chemist, ↑chemistry; **adverb**: ↑chemically; **adjective**: ↑chemical]

a substance used in chemistry or produced by a chemical process

**toxic/hazardous/dangerous chemicals**

- <sup>m</sup> the organic chemicals industry
- <sup>m</sup> synthetic chemicals

## COLLOCATIONS

### ■ adjectives

- **dangerous/harmful** Many cleaning products contain chemicals that can be harmful.
- **hazardous** (=very dangerous) There are major problems over the disposal of hazardous chemicals.
- **toxic/poisonous** (=containing poison) The chemicals that were released were highly toxic.
- **synthetic chemicals** (=made by mixing artificial substances) A synthetic chemical is, in theory, identical to that found in nature.
- **organic chemicals** (=containing natural substances including carbon) Oil and coal are known as organic chemicals.
- **industrial/agricultural chemicals** (=used in industry/in farming) Some deaths from cancer are related to industrial chemicals.

### ■ verbs

- **use chemicals** Farmers use chemicals to kill insects that would destroy their crops.
- **produce chemicals** the dangerous chemicals produced by burning oil
- **be exposed to chemicals** Some of the troops were exposed to chemicals.

### ■ chemical + NOUN

- **the chemical industry** The chemical industry is one of the most important industrial sectors.
- **a chemical plant** (=factory producing chemicals) There has been an explosion at a chemical plant in Germany.
- **a chemical fertilizer** (=chemicals to help plants grow) Many crops are grown with chemical fertilizers.
- **chemical waste** the risks from pollution and chemical waste
- **chemical weapons** (=poisonous chemicals used as weapons) a global treaty banning chemical weapons
- **chemical warfare** (=the use of chemical weapons in wars) There is now also the threat of chemical warfare.

## II. **chemical** <sup>2</sup> **W3 AC BrE** <sup>5</sup> **AmE** <sup>5</sup> **adjective** [only before noun]

[Word Family: noun: ↑chemical, ↑chemist, ↑chemistry; adverb: ↑chemically; adjective: ↑chemical]

[Date: 1500-1600; Language: Modern Latin; Origin: chemicus 'alchemist', from Medieval Latin alchimus, from alchymia; ⇒ ↑alchemy]

relating to substances, the study of substances, or processes involving changes in substances:

▪ the chemical composition of bleach

▪ a chemical analysis of the soil

—**chemically** /-kli/ **adverb**:

▪ Chemically, the substances are similar.

## chemical

Freakuency Pack

12500 **1808**<sup>MCW</sup>

15000 **1534**<sup>COCA</sup>

RANGE: **2k** **CHEMICAL** <sup>26447</sup>

chemical <sup>17162</sup>

chemically <sup>911</sup>

chemicals <sup>8374</sup>

COCA 500k Unlemmatized

6477 **3356**<sup>12396</sup> **jj**

3079 **7325**<sup>4761</sup> **nn1**

5 **388293**<sup>5</sup> **np1**