

chemical makeup of wood

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Chemical Definition & Meaning | Britannica Dictionary

CHEMICAL meaning: 1 : of or relating to chemistry; 2 : working by means of chemicals

Chemical compound | Definition, Examples, & Types | Britannica

All the matter in the universe is composed of the atoms of more than 100 different chemical elements, which are found both in pure form and combined in chemical compounds.

Chemistry | Definition, Topics, Types, History, & Facts | Britannica

Cooking, fermentation, glass making, and metallurgy are all chemical processes that date from the beginnings of civilization. Today, vinyl, Teflon, liquid crystals, semiconductors, and superconductors represent the fruits of chemical technology.

Chemical bonding | Definition, Types, & Examples | Britannica

This article begins by describing the historical evolution of the current understanding of chemical bonding and then discusses how modern theories of the formation of chemical bonds have emerged and developed into a powerful description of the structure of matter.

Gold | Facts, Properties, & Uses | Britannica

gold (Au), chemical element, a dense lustrous yellow precious metal of Group 11 (Ib), Period 6, of the periodic table of the elements. Gold has several qualities that have made it exceptionally valuable throughout history.

Cellular respiration | Definition, Equation, Cycle, Process, Reactants ...

Cellular respiration, the process by which organisms combine oxygen with foodstuff molecules, diverting the chemical energy in these substances into life-sustaining activities and discarding, as waste products, carbon dioxide and water.

Periodic table | Definition, Elements, Names, Symbols,

Groups, Charges ...

Periodic table, in chemistry, is an organized array of all the chemical elements in order of increasing atomic number. When the elements are thus arranged, there is a recurring pattern in which elements in the same column (group) have similar properties.

Nitric oxide | Uses, Facts, & Definition | Britannica

Nitric oxide, colourless toxic gas that has important chemical signaling functions in animals and is a serious air pollutant.

Chemical Weapons Convention (CWC) | Britannica

Chemical Weapons Convention (CWC), international treaty that bans the use of chemical weapons in war and prohibits all development, production, acquisition, stockpiling, or transfer of such weapons.

Chemical industry | Overview, Importance, & History | Britannica

Chemical industry, complex of processes, operations, and organizations engaged in the manufacture of chemicals and their derivatives. Raw materials include fossil fuels and inorganic chemicals.