

nacl lewis diagram

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Sodium chloride - Wikipedia

Sodium chloride /ˌsoʊdiəm ˈklɔːraɪd/, [8] commonly known as table salt, is an ionic compound with the chemical formula NaCl, representing a 1:1 ratio of sodium and chloride ions.

Sodium Chloride | ClNa | CID 5234 - PubChem

Sodium chloride, also known as salt, common salt, table salt or halite, is an ionic compound with the chemical formula NaCl, representing a 1:1 ratio of sodium and chloride ions. Sodium chloride is the primary salt in seawater and in the extracellular fluid of many multicellular organisms.

Sodium Chloride, NaCl - HyperPhysics

The classic case of ionic bonding, the sodium chloride molecule forms by the ionization of sodium and chlorine atoms and the attraction of the resulting ions. An atom of sodium has one 3s electron outside a closed shell, and it takes only 5.14 electron volts of energy to remove that electron.

Salt | Chemistry, History, Occurrence, Manufacture, Uses, & Facts ...

salt (NaCl), mineral substance of great importance to human and animal health, as well as to industry. The mineral form halite, or rock salt, is sometimes called common salt to distinguish it from a class of chemical compounds called salts.

Sodium Chloride (NaCl) - Definition, Structure, Properties, Uses

Sodium Chloride (NaCl), widely recognized as table salt, is an ionic compound formed by the combination of sodium and chlorine ions. It is essential for life, playing a crucial role in various bodily functions, including fluid balance and nerve signal transmission.

NaCl Definition - Intro to Chemistry Key Term | Fiveable

NaCl, commonly known as sodium chloride, is a chemical compound that consists of one sodium atom (Na) and one chlorine atom (Cl) bonded together. It is an ionic compound that is essential for various biological and industrial processes, and it is the primary component of table salt.

Sodium Chloride - ChemLin

Sodium chloride is an inorganic compound from the group of halides, which is chemically characterized as the salt of hydrochloric acid. The substance is generally known as table salt. Other names, synonyms Salt; Table salt; Halite; Common salt; Sodium monochloride; Chlorosodium. INCI

name SODIUM CHLORIDE. Latin name Natrii chloridum.

Sodium chloride - New World Encyclopedia

Sodium chloride, also known as common salt or table salt, is a chemical compound with the formula Na Cl. Its mineral form is called halite. It is highly soluble in water and is the salt most responsible for the salinity of the ocean and of the extracellular fluid of many multicellular organisms.

Sodium Chloride: Medical Uses of NaCl - Verywell Health

Sodium chloride helps with dehydration by replacing lost electrolytes. Too much sodium can harm your heart and health, including the risk of high blood pressure and stroke. Most people in the United States eat more sodium than recommended. Sodium chloride (NaCl) is a key compound also known as salt. It consists of sodium and chloride atoms.

Sodium Chloride: Meaning, Definition, structure, Properties, Uses

Sodium chloride (NaCl), normally recognized as salt, is the main electrolytes of the extracellular fluid compartment (i.e., sodium and chloride), cooperate to regulate extracellular volume and blood pressure. Disorders of water balance are linked to changes in the extracellular fluid's sodium content.