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Access through your institution Volume 309, November 2022, 102774 rights and content Dissipative particle dynamics Data will be made available on request. View full text Mineral form of sodium chloride "Rock salt" redirects here. For edible coarse salt, see Kosher salt. For the market widely known as "Halite", see Central Sofia Market Hall. For conjugate base of a halous acid, see Halite. Halite from the Wieliczka salt mine, Małopolskie, Poland General Category Halite mineral symbol NaCl IMA classification 3.AA.20 Crystal system Cubic [2] Crystal class Hexoctahedral (m3m) H-M symbol: (4/m 3 2/m) Space group Fm3m Unit cell: $a = 5.6404(1)$ Å; $Z = 4$ Identification Formula mass 58.433 g/mol Colorless or white when pure. Impurities produce a color but usually yellow, gray, black, brown, red (Dependent on types and purity for various colours) [2] Crystal habit Predominantly cubes and in massive sedimentary beds, but also granular, fibrous and compact Cleavage Perfect {001}, three directions cubic Fracture Conchoidal (or enchytritic) Brittle Mohs hardness 2.0–2.5 Luster Vitreous streak White Transparency Transparent to translucent Specific gravity 2.17 Optical properties Isotropic Refractive index $n = 1.544$ Melting point 4800–7°C Solubility Water-soluble Other characteristics Salty flavor, fluorescent (Perfect) Halite / halitite [7][8][9] commonly known as rock salt, is a type of salt, the mineral (natural form of sodium chloride NaCl). Halite forms isometric crystals. [10] The mineral is typically colorless or white, but may also be light blue, dark blue, purple, pink, red, orange, yellow or gray depending on inclusion of other materials, impurities, and structural or isotopic anomalies in the crystal. [11] It commonly occurs with other evaporite minerals such as gypsum, anhydrite, sulfates, halides, and borates. The name halite is derived from the Ancient Greek word for "salt", ἥλιος (halos). Occurrence Halite cubes from the Stassfurt Salt Deposit, Sachsen-Anhalt, Germany. (size: 6 cm × 1.5 cm × 1.7 cm) Halite surface today in playas in regions where evaporation exceeds precipitation, such as in the salt flats of Badwater Basin in Death Valley National Park. In the United States and Canada extensive underground beds extend from the Appalachian basin of western New York through parts of Ontario and under much of the Michigan Basin. Other deposits are in Ohio, Kansas, New Mexico, Nova Scotia and Saskatchewan. The Keweenaw salt mine is a massive deposit of halite near Ishamabad, Pakistan. Salt domes are vertical diapirs or pipe-like masses of salt that have been essentially "squeezed up" from underlying salt beds by mobilization due to the weight of the overlying rock. Salt domes contain anhydrite, gypsum, and native sulfur, in addition to halite and sylvite. They are common along the Gulf coasts of Texas and Louisiana and are often associated with petroleum deposits. Germany, Spain, the Netherlands, Denmark, Romania and Iran also have salt domes. [13] Salt glaciers exist in arid Iran where the salt has broken through the surface at high elevation and flows downhill. In these cases, halite is said to be behaving like a rheid. Unusual, purple, fibrous veins filling halite is found in France and a few other localities. Halite crystals termed hopper crystals appear to be "skeletons" of the typical cubes, with the edges present and staircase depressions on, or rather in, each crystal face. In a rapidly crystallizing environment, the edges of the cubes simply grow faster than the centers. Halite crystals form very quickly in some rapidly evaporating lakes resulting in modern artifacts with a coating or encrustation of halite crystals. [14] Halite flowers are rare stalactites of curling fibers of halite that are found in certain arid caves of Australia's Nullarbor Plain. [15] Halite stalactites and encrustations are also reported in the Quincy native copper mine of Hancock, Michigan. Mining the world's largest underground salt mine is the Sifto Salt Mine. It produces over 7 million tons of rock salt per year using the room and pillar mining method. It is located half a kilometre under Lake Huron in Ontario, Canada. [16] In the United Kingdom there are three mines; the largest of these is at Winsford in Cheshire, producing, on average, one million tonnes of salt per year. Uses Salt is used extensively in cooking as a flavor enhancer, and to cure a wide variety of foods such as bacon and fish. [17] It is frequently used in food preservation methods to melt—this effect is called freezing-point depression. It is common for homeowners in cold climates to spread salt on their sidewalks and driveways after a snow storm to melt the ice. It is not necessary to use so much salt that the ice is completely melted; rather, a small amount of salt will weaken the ice so that it can be easily removed by other means. Also, many cities will spread a mixture of sand and salt on roads during and after a snow storm to improve traction. Using salt brine is more effective than spreading dry salt because moisture is necessary for the freezing-point depression to work and wet salt sticks to the roads better. Otherwise the salt can be wiped away by traffic. [18] In addition to de-icing, rock salt is occasionally used in agriculture. An example of this would be inducing salt stress to suppress the growth of annual meadow grass in turf production. Other examples involve exposing weeds to salt water to dehydrate and kill them preventing them from affecting other plants. Salt is also used as a household cleaning product. Its coarse nature allows for its use in various cleaning scenarios including grease/oil removal, stain removal, dries out and hardens sticky spills for an easier clean. [citation needed] Some cultures, especially in Africa and Brazil, prefer a wide variety of different rock salts for different dishes. Pure salt is avoided as particular colors of salt indicates the presence of different impurities. Many recipes call for particular kinds of rock salt, and imported pure salt often has impurities added to adapt to local tastes. [19] Historically, salt was used as a form of currency in barter systems and was exclusively controlled by authorities and their appointees. In some ancient civilizations the practice of salting the earth was done to make conquered land of an enemy infertile and inhospitable as an act of domination or spite. One biblical reference to this practice is in Judges 9:45: "he killed the people in it, pulled the wall down and sowed the site with salt." [20] Polyhalite, a mineral fertiliser, is not an NaCl-polymer, but hydrated K₂Ca₂Mg-sulfate. Shotgun shells containing rock salt (instead of metal pellets) are a less lethal deterrent. [21] Gallery Unusual halite crystals from Fayum, Egypt Hopper crystal cast of halite in a Jurassic rock, Carmel Formation, Utah Sharp halite crystals that have this green color from inclusions of malachite Large natural crystal of halite, showing cubic crystal form Pink color halite on a matrix covered with minute nahcolite Halite from Potash Corporation of Saskatchewan Mine in Rocanville, Saskatchewan, Canada Halite Bore sample, Laos See also Coarse salt (edible) Salt tectonics References ^ Warr, L.N. (2021). "IMA-CNMNC approved mineral symbols". Mineralogical Magazine, 85 (3): 291–320. Bibcode:2021MinM...85...291W doi:10.1180/mgm.2021.43. S2CID 235729616. ^ a b Geology.com Halite ^ a b "Halite" (PDF). Handbook of Mineralogy. Archived (PDF) from the original on June 28, 2010. Retrieved 16 April 2018. ^ "Halite". Mindat.org. Archived from the original on 2011-08-05. ^ "Halite". Webmineral. Archived from the original on 2004-11-24. ^ Haynes, William M., ed. (2011). CRC Handbook of Chemistry and Physics (92nd ed.). CRC Press. ISBN 978-1439855119. ^ "halite". Merriam-Webster Dictionary. ^ "halite". Dictionary.com Unabridged (Online), n.d. ^ "Halite". Random House Unabridged Dictionary. 1997. Archived from the original on 2015-10-02. ^ Bonewitz, Ronald Louis (2012). Rocks and Minerals. DK Publishing. p. 110. ISBN 978-0-7566-9042-7. ^ Sonnenfeld, Peter (January 1995). "The color of rock salt—A review". Sedimentary Geology. 94 (3–4): 267–276. Bibcode:1995SedG...94..267S doi:10.1016/0037-0738(94)00093-A. ^ "halite | mineral | Britannica". www.britannica.com. Retrieved 2022-04-22. ^ "What is a Salt Dome? How do they form?". geology.com. Retrieved 2022-04-22. ^ "HALITE (Sodium Chloride)". Galleries.com. Archived from the original on 2015-12-16. Retrieved 2015-12-16. ^ Wales, University Of New South (2003). Beneath the Surface: A Natural History of Australian Caves. UNSW Press. ISBN 978-0-86840-595-7. ^ "Where is the World's Largest Underground Salt Mine?". Archived from the original on 2020-09-13. Retrieved 2019-04-10. ^ Kurlansky, Mark (2003). Salt: A World History. ^ "Bible: Judges 9:45". Bible Hub. Archived from the original on October 30, 2018. Retrieved November 26, 2019. ^ "Less Lethal Loadout: Rock Salt Shotgun Shells". 15 September 2020. Wikimedia Commons has media related to Halite. External links Hurlbut, Cornelius S.; Klein, Cornelius, 1985. Manual of Mineralogy, 20th ed., John Wiley and Sons, New York ISBN 0-471-80580-7 Anthony, John W.; Bideaux, R.A.; Bladh, K.W.; Nicois, M.C. (1997). Handbook of Mineralogy: Halides, Hydroxides, Oxides, Mineral Data Publishing, Tucson ISBN 0-9622097-2-4 Minerals.net Archived 2008-12-21 at the Wayback Machine Material Safety Data Sheet Archived 2012-04-25 at the Wayback Machine Desert USA Archived 2007-12-14 at the Wayback Machine Halite stalactites Archived 2007-12-22 at the Wayback Machine Portal: Food Retrieved from "

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