

Manufacturing of Sodium and Ammonium Molybdate

Description:

Global Inorganic Chemicals Market to Grow 4.5% by 2022.

Manufacturing of Sodium and Ammonium Molybdate. Project Opportunities in Production of Inorganic Compound

Sodium Molybdate

Sodium Molybdate also known as disodium dioxide (dioxo) molybdenum is a chemical compound extensively consumed in fertilizer application. Other uses of sodium molybdate include nutritional supplement in food industry and as corrosion inhibitor in industrial applications. Sodium molybdate is often found as dehydrate and was first synthesized by the method of hydration. Sodium molybdate is an organic salt which is found in dietary supplements and other nutritional supplement. Sodium molybdate is a good source of molybdenum, it is used to for nitrogen fixation to support healthy growth of leguminous plants such as peas & leans, clover & Lucerne. Sodium molybdate is used as corrosion inhibition in industry. In addition, sodium molybdate is also used for reducing nitrite requirement of fluids inhibited with nitrite-amine in chemical plants and improves corrosion protection.

Sodium molybdate is a chemically altered form of the mineral element, sodium. Sodium is a natural salt, and sodium molybdate is used in the food industry as a fertilizer and nutritional supplement for health.

The agricultural industry uses large quantities of sodium molybdate as fertilizer, particularly on vegetables such as broccoli and cauliflower. It is also fed to some cattle to help treat copper deficiencies. As a result of its use on food products you consume, trace amounts of sodium molybdate may end up in the food supply. Sodium molybdate in your food can have a variety of effects on your body, although its complete effects are not fully understood.

Sodium Molybdate is useful as a source of molybdenum. It is often found as the dihydrate, $\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$. The molybdate (VI) anion is tetrahedral. Sodium molybdate can help correct a sodium deficiency by adding extra sodium to your body; however, sodium molybdate is ingested in such small amounts its contribution to your overall sodium stores is probably negligible. Once in your body, the molybdenum molecule is cleaved off of the sodium molecule and can have positive effects on your health.

For more details download PDF file.

Keywords: Sodium Molybdate, Molybdenum Compounds, Sodium Molybdate Food Grade, Molybdate Manufacturing Company, Sodium Molybdate Production, Sodium Molybdate Dihydrate Production, Sodium Molybdate Production Process, Sodium Molybdate Dihydrate (Smc), Manufacture Process for Ammonium Molybdate and Sodium Molybdate, Ammonium Molybdate, Chemical Compound, Sodium Molybdate (Na_2moo_4), Sodium Molybdate Solution, Molybdenum Industry, Sodium Molybdate (Vi), Preparation of Ammonium Molybdate Solution, Ammonium Ort

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