



SODIUM SELENITE *and* PREMIXES

Selenium is considered to be an essential nutrient for many species including broilers, layers, turkeys, swine, dairy cows, cattle and sheep. Although it is found naturally in feedstuffs, many feeds require supplementation to achieve optima or adequate levels. Selenium is an essential micro-nutrient, required at dietary levels at less than one ppm, it helps to improve the health-protective effects in animals.

Selenium is added to feeds in many countries as Sodium Selenite. In most countries the Selenite addition is also limited (Europe at the time 0.5 mg/kg feed).

The feed industry is well aware of the fact that Sodium Selenite is incorporated in feeds at very low levels. In order to ensure the feedcompounder of the best Sodium Selenite product to use, we have now developed the **SICOSEL®** product line. **SICOSEL®** products are tailor-made Sodium Selenite products, which help the compounder to get a homogeneous and controllable distribution of the Sodium Selenite in the Premix and feed, to keep stock down and to save work and money.

SICOSEL® Premixes contain Microtracer, a marker system that enables you to check the homogeneity and to determine the degree of carry-over in each mixture where **SICOSEL®** Premixes are used.

Sap International Corporation offers three different types of Sodium Selenite and additional two kinds of **SICOSEL®** Premixes as additive for the feed industry.

Product	Symbol	Concentration	Remarks
SICO Sodium Selenite "spray dried less dusting"	(sd)	100% Na ₂ SeO ₃ 45/46% Se	A totally new material on the market developed for customers who prefer less dusting quality, our best-seller.
SICO Sodium Selenite "free flowing"	(ff)	100% Na ₂ SeO ₃ 45/46% Se	The product can be easily handled and flows well everywhere you want just like "free flowing".
SICO Sodium Selenite "normal feed grade"	(fg)	100% Na ₂ SeO ₃ 45/46% Se	Normal "feedgrade" quality, milled material with very fine particle size.
SICOSEL Premix®	4.5% Se	9.9% Na ₂ SeO ₃ 4.5% Se	An additional amount of a special marker called Microtracer allows the customer to control each production step.
SICOSEL Premix® 1.0% Se	1.0% Se	2.2% Na ₂ SeO ₃ 1.0% Se	No hazardous substance, the solution for all small feed mills which do not want to handle hazardous substances.

Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. Sap International cannot accept any responsibility for loss or damage or infringement of patent rights, that may result from the use of information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability of the products with their own tests. Any dimensions shown are approximate.