

## Mineral Fact Sheet

<b>Sodium selenite</b>	
<b>Formula:</b>	Na <sub>2</sub> SeO <sub>3</sub>
<b>CAS No.:</b>	10102-18-8
<b>EC No.:</b>	233-267-9
<b>Feed Additive Register:</b>	E 8
<b>Manufacturing Process:</b>	
Selenious acid, formed by oxidation of elemental selenium, is neutralized with sodium hydroxide. The resulting sodium selenite solution is spray dried.	
<b>Characteristics:</b>	
Na <sub>2</sub> SeO <sub>3</sub>	99.8 % min.
Selenium	45.6 %
Appearance	white crystalline powder
Apparent density	0.9 to 1.1 kg/l
Solubility	780 g/l (20°C) hygroscopic
<b>Handling, storage, toxicity:</b>	
Very toxic. Dangerous for the environment. Do not drink, eat or smoke when handling.	
Avoid all dispersion of dust, avoid contact with eye and skin. Use protection dresses, gloves, glasses and masks.	
Store in dry place in closed containers. Follow instructions in safety data sheet.	
<b>Specific information:</b>	
Inclusion in compound feed via premixtures only.	
Dangerous good, ADR transport, UN 2639, PG I	
Feed operators using Se compounds need to be approved according Reg. 183/2005.	
Conditions for use are laid down in Reg. 70/524/EEC.	