

## Mineral Supplements

# Liquid Selenium<sup>TM</sup>

Liquid selenium trace mineral as sodium selenate

## 3 key benefits

- 1 Low cost dosage 0.4ml per day for 6mg of selenium
- 2 Reduces retained afterbirth and improves conception
- 3 Convenient dosing through drenching, trough treatment or on feed supplements

### Other Liquid Selenium<sup>TM</sup> features

- Helps to prevent early embryonic loss
- Important in maintaining elasticity of muscles
- Helps protect against disease improving general well-being

### Product composition

Components	Concentration [%]
Sodium Selenate	<2.0
Water	To 100%



Available sizes: 20L, 200L

### For more information

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# Liquid Selenium<sup>TM</sup>

## Liquid selenium trace mineral as sodium selenate

### Physiological Importance

- Works with vitamin E as an antioxidant or protector of body cells
- Important in maintaining elasticity of muscles
- Gives protection against disease
- Important in conception

### Deficiency Symptoms

- Ill thrift, unhealthy appearance and under weight
- Compromised immune system and poor disease resistance. This includes resistance to mastitis and depressed performance
- Depressed milk production
- Poor reproductive performance
- Retained foetal membranes. Can cause infection and slower return to heat. Increased interval from calving to conception. Can be as much as 15 days.

### Caution

- Do not exceed stated dose and frequency
- Do not use at the same time as any other selenised fertiliser, prill or product without consulting a veterinarian.

### Dosage

**Each litre contains:**

**Selenium** 5,000mg

When cows are dosed at 0.4ml/cow/day in the peak demand period they receive:

**Selenium** 2mg per cow per day

### Recommended Dose Rates for Adult Dairy Cows

No. of cows	Quantity of Liquid Selenium required per day
40	16ml
100	40ml
200	80ml
300	120ml
400	160ml
500	200ml
1000	400ml

### What is a Sodium Selenate?

Sodium Selenate is the sodium salt of selenium which is extracted from selenium containing rock by reaction with sulphuric acid. It is extremely toxic except in minute doses.

Dairy cattle require selenium in trace quantities to control the thyroid gland and aid in lactation and foetal bone growth.

