

SelenoSourceTM AF

2000 ppm



PRODUCT PROFILE SHEET-01/10

PRODUCT DESCRIPTION

SelenoSourceTM AF 2000, OMRITM Listed offers all the features and quality present in our standard Diamond V SelenoSource AF product but is for use in organic production by virtue of the OMRI listing. The Organic Materials Review Institute is an independent agency that reviews and evaluates products for use under the USDA's National Organic Program Rule (NOP) for certified organic production. SelenoSource AF 2000 is specifically formulated for use in organic rations.

SelenoSource AF 2000 is a selenium yeast product of which a major component is selenomethionine. The selenium yeast in SelenoSource AF has undergone a series of washes to remove residual inorganic selenium salts. Selenium in SelenoSource AF 2000 is an essential nutrient for chickens, turkeys, swine, beef cattle, dairy cattle, sheep, goats, llamas, alpacas, horses and dogs.

INGREDIENT COMPOSITION

Selenium yeast (*Saccharomyces cerevisiae*).

GUARANTEED ANALYSIS

- » Selenium 2000 ppm (mg/kg)
- » Organic Selenium 98% of total selenium

FEEDING DIRECTIONS

Feeding directions are outlined on the next page.

PHYSICAL CHARACTERISTICS & HANDLING

SelenoSource AF 2000 is a free-flowing powder that mixes well with typical feed ingredients. The nutritional and handling characteristics are not affected by standard manufacturing processing methods or environmental temperature changes.

- » Bulk Density: Approximately 34 lb/ft³ (552 kg/m³)
- » Shelf Life: 24 months from date of manufacture

ORDERING & TECHNICAL INFORMATION

- » Product Number: 056 (55 lb)
- » Packaging: 55 lb Bags
- » Customer Service: 866-680-7805
- » Technical Information: call 800-373-7234 or email: diamondv@diamondv.com

TYPICAL ANALYSIS

- » Crude Protein 48.0%
- » Crude Fat 0.6%
- » Crude Fiber 0.9%
- » Calcium 0.3%
- » Phosphorus 1.0%

CAUTION

Follow label directions. The addition to feed of higher levels of this premix containing selenium is not permitted. Excess feeding and prolonged exposure to selenium is potentially toxic to animals and humans. Use only in accordance with label directions and employ all protective measures indicated in the Material Safety Data Sheet (MSDS). An MSDS for SelenoSourceTM AF is available from Diamond V.



838 1st St NW, Cedar Rapids, Iowa 52407
Tel: 800-373-7234 Fax: 319-366-6333
www.diamondv.com

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Diamond V

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FEEDING DIRECTIONS

Feeding directions are as follows:

SelenoSourceTM AF 2000 may be added to:

1. Complete feeds for chickens, turkeys, swine, beef cattle, dairy cattle, bison, sheep, goats, llamas, alpacas, and horses up to 0.3 ppm of added selenium;
2. Complete dog foods up to 0.333 ppm of added selenium on a dry matter basis;
3. Feed supplements for limit feeding for beef cattle, bison, and horses with a maximum intake of 3 mg Se/head/day;
4. Feed supplements for limit feeding for goats, llamas, alpacas and dogs with a maximum intake of 0.7 mg Se/head/day;
5. Salt-mineral mixtures for free-choice feeding of beef cattle, bison, and horses up to 120 ppm Se in a mixture for free-choice feeding with a maximum intake of 3 mg Se/head/day;
6. Salt-mineral mixtures for free-choice feeding for goats, llamas and alpacas up to 90 ppm Se in a mixture for free-choice feeding with a maximum intake of 0.7 mg Se/head/day.

For complete feeds, mix at the following rates to formulate a selenium yeast premix containing no more than 600 ppm (272.4 mg/lb) selenium. The resulting premix shall then be added to provide up to 0.30 ppm added selenium in the final feed for all classes of chickens, turkeys, swine, beef cattle, dairy cattle, sheep, goats, llamas, alpacas, horses, and dogs. Selenium yeast must be mixed into each ton of complete feed by adding no less than 1 pound of a premix that contains no more than 272.4 mg/lb (600 ppm) of added selenium.

Mixing Directions – Premix for Complete Feeds

Desired Selenium Concentration	SelenoSource AF 2000 per 2000 lb Premix
200 ppm (90.8 mg/lb)	200 lb
300 ppm (136.2 mg/lb)	300 lb
400 ppm (181.6 mg/lb)	400 lb
500 ppm (227.0 mg/lb)	500 lb
600 ppm (272.4 mg/lb)	600 lb

Mixing Directions – Supplements and Salt-Mineral Mixes

	Target Mineral Intake (oz/hd/day)	Total Supplemental Se	SelenoSource AF 2000 Inclusion (lb / ton)
Beef Cattle, Bison & Horses (3 mg Se/hd/day)	2	52.9 ppm	52.9
	3	35.3 ppm	35.3
	4	26.5 ppm	26.5
	5	21.2 ppm	21.2
Goats, Llamas & Alpacas (0.7 mg Se/hd/day)	2	12.4 ppm	12.4
	3	8.2 ppm	8.2
	4	6.2 ppm	6.2
	5	4.9 ppm	4.9

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