

## PROTEIN LICKS

### **VOERMOL MAXIWOL CONCENTRATE**

Class: Protein, Mineral and Trace Mineral Concentrate for Sheep

**VOERMOL MAXIWOL CONCENTRATE** is a high quality lick concentrate used for the home mixing of licks, and is specially formulated to promote wool and fibre growth and to stimulate udder, colostrum and milk production in sheep and goats:

- mixed with salt it promotes the production of wool, fibre and mutton because it has a relatively high percentage of natural protein;
- provides a high level of bypass protein which will significantly increase the performance of producing animals (see **Voermol Maxiwol Production Pellets**);
- helps to stimulate roughage intake and improve production;
- is adaptable, the salt level can be varied to obtain the desired intake;
- is a molasses based product which does not blow away and ensures good intake because it is palatable;
- has a relatively low urea content and a high content of natural protein which make it suitable for other applications such as growing out of replacement ewes.

**VOERMOL MAXIWOL CONCENTRATE** can also be used as an HPC for dairy rations.



#### COMPOSITION OF VOERMOL MAXIWOL CONCENTRATE

REG NO V4985 (Act 36/1947) N-FF 0558

(g/kg)

(mg/kg)

Crude Protein* (min)	350	Manganese	320
Urea (max)	60	Copper	40
Crude Fibre (max)	100	Cobalt	5
Moisture (max)	160	Iron	150
Calcium (max)	13	Iodine	8
Phosphorus (min)	3.6	Zinc	400
Magnesium (min)	10	Selenium	2
Sulphur (min)	5	Vitamin A (IU/kg)	15 600
*57.9 % derived from NPN			

Packaging – 50 kg

**See urea warning**

#### MIXING AND FEEDING INSTRUCTIONS

Mixed with salt, **Voermol Maxiwol Concentrate** can be fed as a maintenance lick or it can be mixed with salt and grain to make a supplement for producing animals. The intake of the lick will be influenced by the quality and quantity of the grazing, the physiological status and condition of the animals, as well as the salt content of the drinking water.



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MIXING INSTRUCTIONS (kg)					
	Maintenance Lick <sup>1</sup>	Lambing pen mixture	Licks for producing animals on different types of grazing		
			1	2	3
<b>Voermol Maxiwol Concentrate</b>	400	150	150	200	250
Maize Meal / Whole Grain	–	400	300	250	200
Salt	100	–	50	50	50
Lucerne	–	400	–	–	–
Procon 33	–	50	–	–	–
<b>Total</b>	<b>500</b>	<b>1 000</b>	<b>500</b>	<b>500</b>	<b>500</b>
COMPOSITION (g/kg)					
Crude Protein (min)	280	160	153	180	200
Urea (max)	48	9	18	24	30
Calcium (max)	9.76	7	4.6	5.8	7.1
Phosphorus (min)	2.88	3	2.8	2.8	3.5
% Protein derived from NPN	58	15.9	39.8	45.1	49.5
RECOMMENDED INTAKE (g/sheep/day)					
Dry sheep	125 – 200	See recommended intake below*	250 – 300	250 – 300	250 – 300
Growing sheep	–		250 – 500	250 – 500	250 – 500
Late pregnancy	–		250 – 350	250 – 350	250 – 350
Lactating Ewes	–		350 – 500	350 – 500	350 – 500
Flush feeding of Ewes	–		300 – 400	300 – 400	300 – 400

<sup>1</sup>Suitable as a good quality maintenance lick on dry grazing for dry, early and mid-pregnant ewes and goats.

- Lick 1:** Suitable for use as a supplement on Karoo shrub veld, natural green grass veld or any green cultivated pasture (Ryegrass, Kikuyu, lucerne, clover, etc.).
- Lick 2:** Suitable for use as a supplement on mixed Karoo veld (grass and Karoo shrub veld mixed).
- Lick 3:** Suitable for use as a supplement on natural dry grass veld or any other dry grass grazing or dry crop residues with little or no grain.

\*Lambing pen Mixture: Is a complete feed and is recommended to be fed to pregnant ewes with a single foetus at 2.5 % and those with twin foetuses at 3.0 % of body weight. For lactating ewes, feed ewes with single lambs at 3 % and ewes with twins at 4 % of body weight.

**NB. Do not feed unmixed to animals. Due to the possibility of bladder stones Voermol Maxiwol based licks should not be fed for long periods (more than six weeks) at high levels (more than 350 g/ram/day) to breeding rams. For feeding of rams, also refer to Voermol SS 200.**



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## UREA WARNING

### UREA

The majority of licks contain urea that can be dangerous under certain conditions. During the formulation and manufacturing process of **Voermol** licks, great care is taken to minimise the risks of feeding urea. The possibilities of urea poisoning can be further reduced by taking note of the following:

- use licks as prescribed;
- limit lick intake to the prescribed maximum levels;
- feed the licks together with sufficient grazing and/or roughage;
- take special care during feed scarcity (drought conditions) to prevent high lick intake;
- prevent excessive lick intake in the initial stages (salt hunger) by allowing the animals access to **Voermol Rumevite 6P** for the first 14 days;
- do not let licks get wet.

**See urea warning on the back of the bag.**

### UREA WARNING

This farm feed contains NPN (Non-Protein Nitrogen) sources and must therefore be fed strictly according to instructions for use.

- Vinegar is an effective remedy against NPN poisoning. Mix with an equal amount of water. Dose half a bottle per calf/sheep or 2 – 4 bottles per head of cattle (1 bottle = 750 ml).
- Protect this farm feed against rain. NPN is soluble and animals drinking such a solution could be poisoned.
- Do not feed this farm feed indiscriminately with other NPN containing farm feeds. Consult an animal scientist.
- Mix concentrate thoroughly with the prescribed ingredients.
- This is a supplement and not a feed. Sufficient grazing and/or roughage must be available at all times.
- Keep lick troughs filled and prevent gluttonous eating by hungry animals. A constant daily intake can help prevent poisoning.
- Before feeding a NPN containing lick, feed an ordinary salt / phosphate lick for at least 7 days.

### GMO STATEMENT

These animal feeds may contain ingredients derived from GMO (genetically modified organisms) origin.



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