

**PRODUCT INFO
& DATASHEET**

LICKIES® **A COMPLETE RANGE OF MINERAL LICKS**

LICKIES® are the hardest mineral licks you can buy: specially manufactured to withstand extremes of climate and temperature. They save you money by resisting all weather conditions and by reducing wastage. During manufacture Lickies® are subjected to **a pressure of over 1.5 tonnes per square cm.** Lickies® **will therefore last much longer** where ordinary licks will go soft quickly.

LICKIES® are manufactured in 3 sizes: 10 kg, 5 kg and 2 kg. Apart from our standard range of formulations, SAP INTERNATIONAL can quote request for special formulations to meet on farm requirements.

LICKIES® are simple, save time and are cost effective. No need to check daily consumption, the inbuilt palatability will let your stock regulate the amount they need. You can calculate sheep and goats will take 5/10 grams per day; cattle and horses 30/50 grams per day. The special hole built into the 5 kgs and 10 kgs Lickies allows you to choose where you want it to go - in the field, through, on the fence or in the parlour. Whichever, it is ideally suited to your needs. There are special holders available for all sizes of licks (eg.for the 2 kgs licks).

LICKIES® are suitable for all farm animals: cattle, sheep, horses, goats, deer, camels, various zoo animals etc. You can choose several standard formulations.

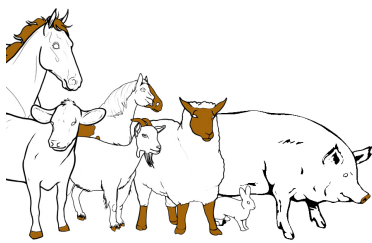
Calculated Analysis		CHELATED LICKIES Cattle, sheep and horses	YELLOW LICKIES All stock	PHOS LICKIES All stock Horses	RED LICKIES Cattle
Code nr.		L1	L3	L4	L5
Phosphorus (P)	%	/	/	6	/
Calcium (Ca)	%	/	/	6	/
Magnesium (Mg)	mg/kg	5,000	1,110	2,500	5,000
Iron (Fe)	mg/kg	/	210	2,250	1,500
Manganese (Mn)	mg/kg	200	90	200	200
zinc (Zn)	mg/kg	300	110	300	300
Cobalt (Co)	mg/kg	50	100	50	50
Iodine (I)	mg/kg	300	55	230	150
Selenium (Se)	mg/kg	10	20	10	10
Copper (Cu)	mg/kg	can be added upon request			300 (*)
Sodium (Na)	%	38	38	26	38
Ash	%	98	99	90	98
Salt	%	97	99	65	98

(*) Contains Copper. Donot feed to sheep.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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SICO FEEDS
EVERY TIME THE *right* SOLUTION



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EXPORT SHIPPING SPECIFICATION

Size	10 kg	5 kg	2 kg
Dimensions	185 mm x 185 mm	145 mm x 145 mm	230 mm x 105 mm
Packed	2 x 10 kg per corrugated	4 x 5 kg per corrugated	10 x 2 kg per corrugated
Container 20'	1,200 cartons = 24 tons	1,200 cartons = 24 tons	1,152 cartons = 23,004 tons
Conventional	60 cartons (1,200 kg net/ 1,230 kg gross) per pallet	60 cartons (1,200 kg net/ 1,230 kg gross) per pallet	64 cartons (1,280 kg net/ 1,310 kg gross) per pallet

* **Shrinkwrapping** : For additional protection against high humidity we can, for a small extra charge, individually shrink wrap each carton.

* **Remark** : If price is of prime importance, we can supply our 10 kgs blocks without cartons, 1,400 x 10 kgs (1,400 kgs net / 1,430 kgs gross) per pallet, 17 pallets = 23,800 kgs/20' container. You remark we are now able to get approx. 24,000 kgs net in 20 ft containers for most destinations. However we have to check in every case if there are not any local restrictions.

CHELATED LICKIES® : Top quality lick for all stock

Our topselling lick extensively used for cattle, sheep, horses, goats and deer and also frequently used by zoos for a wide range of animals. **Chelated Lickies® have set a new standard in mineral licks. The mineral trace elements are treated with a chelating agent which allows the minerals to be absorbed directly into the animals' blood stream** in a balanced manner, without interference by other factors in the diet, turning a sickly-looking animal with poor growth and production into a normal healthy profitable beast.

Chelated Lickies® contain a comprehensive range of minerals including a good level of magnesium to assist in the prevention of hypomagnesaemia. Feed free access.

YELLOW LICKIES® : For low cost production systems

Yellow Lickies® are copper free and can therefore be fed to all stock, therefore ideally suitable for sheep as well as cattle. **We have included high levels of cobalt and selenium**, the feeding value of which, has become high lighted and more important in recent years. Cobalt is essential for the correct functioning of the rumen and without it, sheep suffer from pine and cattle generally become severely emaciated. Contains a very high selenium level (20 mg/kg) to avoid muscular dystrophy and poor fertility. Feed free access.

RED LICKIES® : Modern levels of copper and trace elements

Red Lickies® for cattle and horses contain copper and modern increased levels of all the trace elements to meet today's requirements. **Red Lickies® contain Pentacalcium Orthoperiodate (P.C.O.P)** as a source of iodine, which unlike normal iodides, does not dissolve out from the block and remains at the surface and available as long as the Lickie is there to lick. Iodine is essential for fertility. Copper is needed for the maintenance of a healthy blood supply and without it, many serious diseases occur (scour, hard coats, spectacles round the eyes etc.). Donot feed to sheep (as contains copper).

PHOS LICKIES® : Free access minerals for all stock

Phos Lickies® are palatable weather-proof hardwearing blocks with a balanced mixture of major minerals, supplemented with high levels of essential trace elements. They are suitable for all classes of stock and may be fed on a free access basis. **Phos Lickies® contain 6% phosphorus** in a readily available form with low fluorine content. **Upon request the level of phosphorus can be increased up to 10%. Phos Lickies®** are first choice particularly in phosphorus deficient areas world-wide.

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