

**PRODUCT INFO  
& DATASHEET**

# PIGGYLAC

## *Acidified milkreplacer for piglets*

*(crude protein 16% - crude fat 14% - crude ash 9%)*

### **1. PRODUCT DESCRIPTION**

**PIGGYLAC** is an acidified milkreplacer for piglets. It is meant to be used as an additional feed to sow milk, offering piglets a tasty source of energy and easily digestible proteins. Piglets prefer the sow milk in case of big litters or a shortage of sow milk, the piglets will get everything they need from **PIGGYLAC**.

### **2. PRODUCT SPECIFICATIONS**

#### **A/ ANALYSIS**

	<u>Average</u>	
Crude protein	16	%
Crude fat	14	%
Crude ash	9	%
Crude fibre	0.01	%
Humidity	4	%
pH	4.2-4.9	%
Ca	0.85	%
P	0.7	%
K	2.3	%
Cl	1.7	%
Lysine	1.3	%
Methionine + Cystine	0.8	%
Threonine	0.85	%
Tryptophane	0.25	%
Vitamin A	40,000	IU/kg
Vitamin D3	10,500	IU/kg
Vitamin E	60	mg/kg

All other vitamins and trace minerals are added according to the nutritional demands

#### **B/ COMPOSITION**

Whey powder, vegetable fats and oils, sugars, wheat protein concentrate, organic acids, premix.

#### **C/ MICROBIOLOGICAL FIGURES**

Total bacterial count	100,000/g	max
Enterobacteria	1,000/g	max.
E coli	absent in 0.1 g	
Salmonella	absent in 25 g	
St aureus	absent in 1 g	
Yeasts and moulds	1000/g	max.

### **3. ADVANTAGES & BENEFITS**

#### **\* Protein / fat level.**

**PIGGYLAC** provides a complete water-soluble product with the optimal protein/energy relation required by piglets. Sow milk is very energy dense and contains a high level of fats. We have developed a product with a composition that completely fits the piglet requirements. (14% fat - 16% protein - 9% ash)

#### **\* Containing acids.**

**PIGGYLAC** contains acids for better technical performances of the young piglet. Due to a low HCL production, the pH in the stomach of young animals is 5-6. A grown up animal has a pH of 3-4. The lower the pH, the higher the pepsin production which improves the protein digestibility. Also the transit of the feed is slowed down allowing more enzyme production. Low pH is also important for inhibiting the growth of bacteria. Especially in case of enteros, a low pH is very beneficial. The only bacteria with a positive effect on the animal are Lactobacilli. **PIGGYLAC** helps in lowering the pH of the stomach, helping the young piglet in creating a healthy gut.

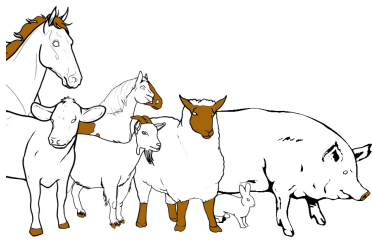
#### **\* Stimulation solid feed.**

Sow's milk cannot provide all of the energy requirements of piglets during their first five to seven days of life. This is due to the fact that modern piglets have a great genetic potential for weight gain and gain 20 times their birth weight (1.4 kg) at 70 days of

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**SAP INTERNATIONAL CORPORATION bvba** Krekelenberg 69, B-2980 Zoersel, Belgium  
Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : [info@sico.be](mailto:info@sico.be) Website : [www.sico.be](http://www.sico.be)

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age (30 kg). This is the so-called accelerated growth phase during which nutritional requirements are greater. Since sow's milk fails to meet these requirements, a preliminary feed with a high content of milk-based proteins and carbohydrates is used. In practice, it has been observed that piglets have difficulties in adapting to dry feed and prefer liquid feed.

Using **PIGGYLAC** during this phase supplements the energy of sow's milk and facilitates adaptation to dry feed.

Experience has shown that the use of **PIGGYLAC** stimulates the consumption of solid feed at an earlier age and leads to an additional weight gain of between 0.5 and 1.2 kgs at 35 days of age.

\* Lower mortality.

Experiments have shown that 80% of deaths among piglets occur in the farrowing pen during the first seven days of life. 90% of all deaths tend to occur during the first 14 days. Since piglets do not in practice eat dry feed during the early weeks, sow's milk is the main food responsible for their survival and development. Providing **PIGGYLAC** during this phase is of paramount importance for normal development. With **PIGGYLAC** the suckling piglets arrive at a more uniform weight. In cases where the sow has problems producing milk, **PIGGYLAC** can provide piglets with all their requirements.

**4. USE**

**PIGGYLAC C** is mixed with water of 45-50 dgr. C. and the milk can be kept for over 24 hours in solution. The product can be given to piglets the period after they have received colostrum, together with sow's milk. **PIGGYLAC** can be used in bucket feeding as well as in automatic feeding systems.

**5. STORAGE**

- Avoid storing **PIGGYLAC** in warm conditions.
- Always keep the product away from direct exposure to sunlight.
- Never store in moist places.
- Secure stockroom against all possible breeding ground of insects.
- Ensure storage area is clean at all times.

**6. PACKING**

10 kg net multiply paper bag