

## **Common Questions About S-Carb®**

### **What is S-Carb®?**

S-Carb® is pure sodium sesquicarbonate, made only by WE Soda Wyoming in Green River, Wyoming. 'Sesqui' means one and a half, and one molecule of S-Carb® contains one and a half sodium bicarbonate molecules. The chemical composition of S-Carb® is:



### **How is it different from sodium bicarbonate?**

Because the S-Carb® molecule also contains 2 molecules of water, it will not absorb moisture from the air. This is why S-Carb® remains free flowing under normal usage.

### **Is there a difference in buffer capacity between S-Carb® and sodium bicarbonate?**

S-Carb® will absorb approximately 10% more acid than an equal amount of sodium bicarbonate.

### **Is there any difference in palatability?**

Multiple University research studies and 20 years of on farm use have shown that there is no difference between the palatability of S-Carb® and sodium bicarbonate.

### **How do I feed S-Carb®?**

In dairy rations, S-Carb® should be used in the same way as sodium bicarbonate. If you are balancing for dietary electrolyte balance, 6 oz of S-Carb® will provide 22 meq versus 20 meq for 6 oz of sodium bicarbonate.

### **Will I see any change in milk composition?**

If you are currently using sodium bicarbonate, you will see no change in milk composition when you switch to S-Carb®. Under certain conditions, buffers will help increase milk fat percentage, if a response is expected with sodium bicarbonate, the same response is expected with S-Carb®.