

# TRUPONAT<sup>®</sup> TSG

## auxiliary liming agent

Appearance:	violet liquid
Density (g/ml):	approx. 1.1
pH value (1 : 10):	approx. 9

### **Properties:**

**TRUPONAT TSG** is an auxiliary liming agent free from amines.

**TRUPONAT TSG** has a high reducing capacity and therefore the sulphide offer can be reduced.

**TRUPONAT TSG** produces excellent scud loosening and grain smoothness.

**TRUPONAT TSG** possesses a well-balanced swell-regulating effect combined with an optimised area yield.

**TRUPONAT TSG** can be used on all types of raw material.

### **Application:**

Optimum effects can be obtained when an enzymatic soaking (e.g. with **TRUPOWET<sup>®</sup>** types) is applied prior to a liming process with **TRUPONAT TSG**.

**TRUPONAT TSG** is suited for the hair-pulping process as well as for the environmental- friendly non-polluting liming process with hair separation, where the hair is not destroyed but kept separately for further use.

At the beginning of the liming process **TRUPONAT TSG** is usually allowed to run 20 – 30 min. prior to the addition of lime and sulphide and/or sodium hydrosulphide.

Depending on the desired degree of the swell-regulating effect and decrease in sulphide, 0.4 - 0.8 % **TRUPONAT TSG** (calculated on salted weight) are applied.

**Safety and storage:**

When handling **TRUPONAT TSG**, normal safety precautions associated with the handling of chemicals should be observed. For more specific details please refer to our safety data sheets.

**TRUPONAT TSG** can be stored for up to 24 months, if temperatures below 5 °C and above 40 °C can be avoided.