



# TRUPONAT<sup>®</sup> TSG

auxiliary liming agent

<b>Appearance:</b>	violet liquid
<b>Density (g/ml):</b>	approx. 1.1
<b>pH value (1 : 10):</b>	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, 0.5 - 1.0 % **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.

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The information given in this technical leaflet is offered in good faith and is based upon our knowledge and experience of the products used. The suitability of the products mentioned to obtain specific properties or effects are given without obligation or guarantee and should be fully tested by the end user and adapted to suit prevailing works conditions or other products which may be employed.

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