



# SODIUM BISULPHITE SOLUTION 25% SO<sub>2</sub>

## PHYSICO-CHEMICAL CHARACTERISTICS

Formula	: NaHSO <sub>3</sub>
Molecular weight	: 104.06
Density (20°C)	: 1.35 kg/dm <sup>3</sup> approx.
Crystallisation temperature	: 0 °C approx.

## QUALITATIVE CHARACTERISTICS

Appearance	clear citrine yellow liquid	
Assay	% SO <sub>2</sub>	25 ± 1
	% NaHSO <sub>3</sub>	40.6 ± 1.6
pH (20°C, as it is)		< 4.5
Sulphates	% Na <sub>2</sub> SO <sub>4</sub>	< 3.0
Iron	mg/kg as Fe	< 20

The indicated values are intended as determined according to our standard analysis methods.

## STANDARD PACKAGING

Rail and road tankers, according to transport regulations

## MAIN USES

In chemical synthesis, in the purification of aldehydes and ketones, as catalyst, in the production of sulphonates, pesticides and herbicides, etc.

In textile and pulp & paper industry: as bleaching agent, and for removing of excess of chlorine and peroxides.

In pulp mills in the production of sulphite pulp.

In drilling water (oil extracting industry), as oxygen scavenger.

In steam boiler treatment to remove dissolved oxygen and to decrease metal contaminants (mainly copper).

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

THIS TECHNICAL DATA SHEET IS IDENTIFIED AS **B25 1 (0920) E7**