



# Chemifloc Ltd.

Chemical Manufacturers.

Smithstown Industrial Estate, Shannon, Co. Clare, Ireland.

Telephone: +353 61 708699, Fax: +353 61 708698

e-mail: info@chemifloc.ie

## Product Specification:

### Sodium Chlorite 25% Solution

Parameter	Specification
Appearance	Light yellow liquid, free from ppt.
Sodium Chlorite content as % w/w NaClO <sub>2</sub>	24.5 – 25.5
pH	12.5 – 13.5
Specific Gravity @ 20°C	1.190 – 1.230
Sodium Chlorate (NaClO <sub>3</sub> ) max.	40 g/kg Sodium Chlorite 100% (m/m)
Sodium Nitrate (NaNO <sub>3</sub> ) max.	1 g/kg Sodium Chlorite 100% (m/m)
Arsenic (As) max.	1.1 mg/kg of Sodium Chlorite 100% (m/m)
Cadmium (Cd) max.	1.5 mg/kg of Sodium Chlorite 100% (m/m)
Chromium (Cr) max.	1.1 mg/kg of Sodium Chlorite 100% (m/m)
Mercury (Hg) max.	1.1 mg/kg of Sodium Chlorite 100% (m/m)
Nickel (Ni) max.	1.1 mg/kg of Sodium Chlorite 100% (m/m)
Lead (Pb) max.	1.1 mg/kg of Sodium Chlorite 100% (m/m)
Antimony (Sb) max.	1.1 mg/kg of Sodium Chlorite 100% (m/m)
Selenium (Se) max.	1.1 mg/kg of Sodium Chlorite 100% (m/m)

**This Specification conforms with the requirements of I.S.EN. 938:2009 for Type 1 Grade of Sodium Chlorite Solution**