



## PRODUCT SPECIFICATION

EP 045

REV 05

### IDENTIFICATION

<b>Chemical name</b>	Sodium hypochlorite
<b>Formula</b>	NaClO
<b>CAS-number:</b>	7681-52-9

### PHYSICOCHEMICAL CHARACTERISTICS

<b>Appearance</b>	Greenish yellow liquid with a spicy odor			
<b>Characteristic</b>	<b>Unit</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Concentration (m/m NaCl)	%	12.0	-	IT.CQ.0013
Density 20°C	g/cm <sup>3</sup>	1.200	-	
Iron (Fe)	mg/Kg	-	6.0	Manufacturer's Specification

### MAIN APPLICATIONS

Used in water treatment plants, laundries, bleaching in the pulp and paper process, disinfectants, sanitizers and fungicides.

OTHER INFORMATION	
<b>UN No.</b>	1791
<b>No. of Risk</b>	80
<b>Packaging</b>	In fiberglass or polyethylene tanks, IBC's and polyethylene drums
<b>Cautious</b>	Product not flammable. At high temperatures, it can decompose releasing hydrochloric acid and hydrogen chloride (gas). Sodium hypochlorite releases chlorine gas when it comes into contact with some type of acid or acidic solution. Decomposes in contact with metals and direct sunlight.
<b>Storage</b>	It must be stored in a covered and ventilated place.
<b>Shelf Life</b>	Six months. Product subject to degradation (Source Abichlor).
<b>Legal requirements</b>	Product controlled by the Civil Police.

	Code	Description
<b>Datasheet</b>	121.01.0	Sodium hypochlorite
	121.70.0	Sodium Hypochlorite - KTVD
	121.63.0	Sodium Hypochlorite - SVVD
	121.62.0	Sodium Hypochlorite - CBVD

HISTORY OF CHANGES		
Date	Revision	Comments of Changes
08.10.2013	04	Update of the layout of the document, the technical instruction for product analysis, the person responsible for approving the specification and excluding the parameter "residual alkalinity" (NaOH)
-	05	Revision of the form due to approval via the Qualiex system. Inclusion of omega codes. Change of item Iron from 3 max to 6 max. Unification of specifications EP 0046 to EP 0048.