

	Dossier technique et réglementaire / <i>Technical and regulatory document</i> <b>SOUDE CAUSTIQUE</b>	Septembre 2019 / <i>September 2019</i>
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INCI : **Sodium hydroxyde**  
 N°CAS : 1310-73-2  
 N°EINECS/ELINCS : 215-185-5

#### DESCRIPTION / DESCRIPTION :

Hydroxyde de sodium (NaOH) / *Sodium hydroxide (NaOH)*

#### CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Acidité totale / Total acidity (NaOH)	≥ 980 g/kg	ISO 979
Chlorure de sodium / <i>Sodium chloride</i> (NaCl)	≤ 200 mg/kg	ASTM E1787
Carbonate de sodium / <i>Sodium carbonate</i> (Na <sub>2</sub> CO <sub>3</sub> )	≤ 4 g/kg	ISO 3196
Fer / <i>Iron</i> (Fe)	≤ 15 mg / kg	ISO 6685

**Ces éléments seront repris sur nos BA / these elements will be on our CoA**

**Ces caractéristiques sont conformes aux précédentes spécifications datées d'Août 2013 / These features are in accordance with previous specifications dated on August 2013**

#### CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION :

Point de fusion / *Melting point* : 318 – 324 °C

Densité relative à 20°C / *Relative density at 20°C* : 2.02 – 2.13

Complètement soluble dans l'eau et les alcools / *Completely soluble in water and alcohols*

#### APPLICATIONS :

Usage technique / *Technical use*

#### CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Sac de 25 kg / *25 kg bag*

Matière première classifiée comme substance dangereuse et concernée par l'ADR : **UN 1823** (voir notre FDS) / *Raw material classified as dangerous substance and concerned by ADR : UN 1823 (see our MDS)*

A stocker au frais et au sec dans un endroit bien ventilé / *Store in a cool and dry place in a well ventilated place*

<b>Additives</b>	<p>The raw materials used in the manufacture of this product are salt and water and are therefore not intended to include any of the following minerals: columbite-tantalite, cassiterite, gold, wolframite, or their derivatives including tin, tantalum, and tungsten. Moreover, none of the raw materials used for the manufacture of this product are originating from sources outside of Europe.</p> <p>This product doesn't contain any of the 66 chemicals confirmed as category 1 endocrine disruptors in the European commission's DG ENV commissioned report into the establishment of a priority list of substances for further evaluation of their role in endocrine disruption.</p> <p>The RoHS and WEEE directives restrict the maximum concentrations of certain hazardous substances in electrical and electronic equipment: Lead 0.1 %, polybrominated biphenyls 0.1 %, mercury 0.1 %, polybrominated diphenyl ether 0.1 %, hexavalent chromium 0.1 %, cadmium 0.01 %</p> <p>Polybrominated biphenyls and polybrominated diphenyl esters are not used nor are they produced as impurities during the manufacture of this product. Membrane cell technology are used to produce this product, this is mercury free process, Hg &lt; 0.01 ppm (limit of detection).</p>
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	Melamine, mycotoxins, cyanuric acid, parabens, phenoxyethanol, silicones, nitrate, antioxidants are not intentionally added and are not expected to be in this product.
<b>Allergen</b>	With the use of electrolysis with membrane cell technology, sodium (bi)sulphite are added intentionally during the brine treatment. (Bi)sulphites are totally transformed into sulphates by chlorine in the cells. Therefore, the concentration of (bi)sulphite expressed as SO <sub>2</sub> is expected to be less than 20 mg / kg. The other food allergens and their derivatives, as listed in the annex IIIa of the directive 2000/13/CE as amended, are not expected to be present in this product because they are not added intentionally during the whole manufacturing process.
<b>Animal Testing</b>	This product has not specifically been tested on animals and in particular, not since 31st December 1985
<b>BSE - Bovine Spongiform Encephalopathy</b>	This product is not derived from, nor does it contain, any product of animal origin. The manufacturing plants are dedicated to the manufacture of this product and no animal materials are used when cleaning operations are conducted
<b>California Prop 65</b>	This product (CAS: 1310-73-2) is not listed
<b>Carcinogenic, Mutagenic and Reprotoxic (CMR)</b>	This product is not classified as CMR substance in part 3 of annex VI to regulation N°1272/2008 as amended as CMR. Furthermore, this kind of substances are not added intentionally during the whole manufacturing process of this product, therefore the presence of these substances is not expected
<b>Composition</b>	≥ 98 % NaOH
<b>Cosmetic</b>	This product is not a cosmetic grade. For a cosmetic grade see our product " SOUDE CAUSTIQUE COSMOS"
<b>Cosmos / Ecocert</b>	This product is not cosmos approved. For the Cosmos grade see our product " SOUDE CAUSTIQUE COSMOS"
<b>Danger</b>	This product is classified as dangerous according to CLP and ADR <b>UN 1823</b>
<b>Dioxane</b>	1,4-dioxane and dioxin are not intentionally added and are not expected to be in this product
<b>Ecolabel</b>	None of this following substances / ingredients as listed in the annex to Decision 2011/263/EU (phosphates, DTPA or diethylene triamine pentaacetic acid, perborates, EDTA or ethylenediamine tetraacetate, nitromusks, polycyclic musks, biocides and SVHC) are expected to be in this product because they are not added intentionally during the whole manufacturing process. Similarly, the presence of reactive chlorine compounds is not expected in this product
<b>European Pharmacopeia</b>	<i>No data available</i>
<b>Food</b>	Is not a food grade product
<b>Genetically Modified Organisms (GMO)</b>	This product is a synthetic mineral substance that is free from GMO. No genetically modified materials are used in the manufacture of this product
<b>Inventories</b>	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
<b>Geographic origin (for plant)</b>	Not concerned
<b>Glycol ether</b>	No data available
<b>Halal</b>	This product is not derived from, nor doesn't contain ant products of animal origin or ethyl alcohol. The manufacturing plant is dedicated to the manufacture of this product and no animal materials or ethyl alcohol is used when cleaning operations are conducted

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<b>Heavy Metals</b>	The maximum concentrations of certain heavy metals are: lead $\leq 0.5$ mg/kg, mercury $\leq 0.1$ mg/kg, arsenic $\leq 1$ mg/kg, cadmium $\leq 1$ mg/kg, chromium $\leq 1$ mg/kg, nickel $\leq 2$ mg/kg, antimony $\leq 5$ mg/kg, selenium $\leq 5$ mg/kg. This product is conformed with the International Conference of Harmonisation elemental impurities Q3D: none of the elements from class 1: As, Cd, Hg, Pb, class 2a: Co, Ni, V, Class 2b: Ag, Au, Ir, Os, Pd, Pt, Rh, Ru, Ti Class 3: Ba, Cr, Cu, Li, Mo, Sb, Sn are intentionally added in this product. These elements are taken in account in a risk assessment
<b>HS code</b>	28151100
<b>Irradiation / ionization</b>	This product is not treated with ionizing radiation
<b>Kosher</b>	This product is not derived from, nor doesn't contain ant products of animal or plants products including those derived from wheat, barley; spelt, rye or oats that are excluded from Kosher or Passover. None of the raw materials used in the manufacturing process are derived from animal or plants products.
<b>Latex</b>	Latex is not intentionally added and are not expected to be in this product
<b>Manufacturing location</b>	No data available
<b>Microbiological data</b>	The high pH property of this product doesn't make it a viable environment for bacteria and microorganisms
<b>Nanomaterials</b>	Nanomaterials and nanotechnology (as defined according to commission recommendation 2011/696/EU) are not used in the production of this product
<b>Nutritional data</b>	Not concerned
<b>Origin</b>	Mineral/chemical
<b>Pesticide</b>	Pesticides are not intentionally added and are not expected to be in this product
<b>Phthalate</b>	Phthalates are not intentionally added and are not expected to be in this product
<b>Preservative</b>	Preservatives are not intentionally added and are not expected to be in this product
<b>Process</b>	Electrolysis of sodium chloride solution
<b>REACH</b>	This product is registered 01-2119457892-27
<b>Residual Solvents</b>	No solvents are used in the manufacture of this product. None of the solvents listed in the ICH guidelines (residual solvents in medicinal products) are used or produced during the manufacture of this product
<b>RSPO</b>	This product doesn't contain palm oil derivatives – not concerned
<b>Shelf Life before re-check</b>	2 years
<b>Substances of Very High Concern (SVHC)</b>	None of the SVHC as listed in the annex to Decision 2011/263/EU is expected to be in this product because it is not added intentionally during the whole manufacturing process. This product is not listed in the candidate list of SVHC established in accordance with article 59(1) of the REACH regulation relating to substances potentially subject to the authorization procedure published on the ECHA website, nor is it included in this annex XIV, nor does it contain intentionally substances included in these lists at a concentration level $> 0.1$ %
<b>Volatiles organic compounds (VOC)</b>	No VOC is added intentionally during the whole manufacturing process

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancels and replaces all technical and regulatory previous documents.*