CODE: UEQFT003 Version: 9 Date: 2026/04/28	HYDROSAL TECHNICAL DATA SHEET SALTS	Brinsa

TECHNICAL DATA SHEET

PRODUCT NAME	NATIONAL HIDROSAL				
PHYSICAL DESCRIPTION	Hydrosalt (Sodium Chloride) is a white, crystalline, colorless, hygroscopic solid that is highly soluble in water.				
MAIN INGREDIENTS	Salt of mine origin (Halite), purified and refined by crystallization by mechanical evaporation or Vacuum Pam of brines				
CONTROL SPECIFICATIONS	**FEATURE**	**UNITS**	**SPECIFICATION**		**TECHNIQUE**
			Min	**Max**	
	Sodium chloride	% w/w dry basis	99		Potentiometric Assessment
	Magnesium	mg Mg^{+2}/kg		2	Atomic Absorption
	Calcium	mg Ca^{+2} /kg		12	Atomic Absorption
	Total Iron	mg Fe /kg		0.9	Spectrophotometry
	Humidity	%m/m of H_2O		0.05	Losses due to drying
	Other water-insoluble compounds	mg/kg		200	Gravimetry
PACKAGING AND PRESENTATIONS	**PACKAGED QUANTITY**	**PACKAGING MATERIAL**			**PRESENTATION**
	25 Kg and 1000 Kg	Laminated polypropylene			Sack and Jumbo
SHELF LIFE	It is a mineral product that has an indefinite shelf life under suitable storage conditions.				
LOT IDENTIFICATION	The batch code corresponds to the traceability information according to: Production Location–Plant–Year–Julian Day–Shift. For example, for coding in the system, the batch will be recorded down to the shift, with a maximum of seven alphanumeric characters. This code will begin with the letter "L", which identifies the production location (Colombia – Betania), followed by the letter "E", which corresponds to the Salt Packaging Plant. Next, the digit "5", corresponding to the year 2025, will be included, followed by the Julian day and the manufacturing shift.				

Lote	Planta	Año	Dia Juliano	Turno
L	E	5	288	1

Additionally, the digits that appear after the slash (/) in the product's physical coding correspond exclusively to internal traceability information related to the packaging machine or filling line and the country of sale. These digits are not part of the delivery batch to the customer and are used solely for internal process control and monitoring.

APPLICABLE LEGISLATION	N/A
USES AND INSTRUCTIONS	The main uses of Hidrosal are: • Regeneration of ion exchange resins (water softeners) when they are saturated with magnesium and calcium in water treatment. • Sterilization equipment. • Electrolysis. • Hypochlorite generation. • Brine production for petroleum. Its purity and calcium, magnesium, and organic matter content are minimal thanks to the land-based extraction process and the purification processes using chemical reaction and vacuum evaporation.
STORAGE CONDITIONS	Hidrosal is stored on pallets in a covered, dry warehouse, away from any source of contamination or unsanitary conditions, and protected from the outside environment. The storage area must be designated exclusively for Hidrosal, minimizing deterioration and preventing conditions that could affect its quality, safety, functionality, and integrity.
HANDLING AND TRANSPORT	Handling Hidrosal during loading, transfer, unloading, dissolving, mixing, and sampling presents no risk. Respiratory protection is recommended when large quantities of dust are generated. Vehicles used for transporting Hidrosal must have swept floors and clean railings. They must also be equipped with tarpaulins to protect the cargo from rain and dust during transport.
PRECAUTIONS AND RESTRICTIONS	Hidrosal, produced by Brinsa, is not toxic, but it is NOT SUITABLE FOR HUMAN CONSUMPTION because it lacks the essential micronutrients iodine and fluoride, which are required by Decree 0547 of the Ministry of Health. NOTE: The final use of the product is the sole responsibility of the customer. This information is provided for illustrative purposes only and does not supersede any patents or licenses regarding the use of the product.
ADDITIONAL INFORMATION	**EMERGENCY ATTENTION.Tel: (57) (601) 883 3555 Ext. 444.** **Betania plant**km. 6 via Cajicá - Zipaquirá Tel: (+57) (601) 883 3555 **Medellín Office**: Carrera 33 # 7-41 Floor 2 Tel: (+57) (601) 879 3602 (+57) (601) 744 3460 **National Customer Service**: (+57) (601) 879 3602 (+57) (601) 744 3460 WhatsApp: (+57) 305 462 0375 E-mail: informacio@brinsa.com.co Brinsa SA Nit: 800-221-789-2 Colombia - South America
	Brinsa Dominicana: Nigua Highway Km 20, Nigua - San Cristóbal Tel.: (809)957 2923 Brinsa Costa Rica BCR SACentral Offices: San José - La Uraca Tel.: (506)2296 8686 Fax.: (506)2520 0127

CODE: UEQFT003 Version: 9 Date: 2026/04/28	HYDROSAL TECHNICAL DATA SHEET SALTS	Brinsa®

TECHNICAL DATA SHEET

PRODUCT NAME	HIDROSAL EXPORT
PHYSICAL DESCRIPTION	Hydrosalt (Sodium Chloride) is a white, crystalline, colorless, hygroscopic solid that is highly soluble in water.
MAIN INGREDIENTS	Salt of mine origin (Halite), purified and refined by crystallization by mechanical evaporation or Vacuum Pam of brines

CONTROL SPECIFICATIONS

FEATURE	UNITS	SPECIFICATION		TECHNIQUE
		Min	Max	
Sodium chloride	% w/w dry basis	99		Potentiometric Assessment
Magnesium	mg Mg^{+2}/kg		2	Atomic Absorption
Calcium	mg Ca^{+2} /kg		12	Atomic Absorption
Total Iron	mg Fe /kg		0.9	Spectrophotometry
Humidity	%m/m of H_2O		0.05	Losses due to drying
Other water-insoluble compounds	mg/kg		200	Gravimetry

PACKAGING AND PRESENTATIONS

PACKAGED QUANTITY	PACKAGING MATERIAL	PRESENTATION
25 Kg	Laminated polypropylene	Sack

SHELF LIFE	It is a mineral product that has an indefinite shelf life under suitable storage conditions.
LOT IDENTIFICATION	The batch code corresponds to the traceability information according to: Production Location – Plant – Year – Julian Day – Shift. For example, for coding in the system, the batch will be recorded down to the shift, with a maximum of seven alphanumeric characters. This code will begin with the letter "L", which identifies the production location (Colombia – Betania), followed by the letter "E", which corresponds to the salt packaging plant. Next, the digit "5", corresponding to the year 2025, will be included, followed by the Julian day and the manufacturing shift. Lote: **L** | Planta: **E** | Año: **5** | Dia Juliano: **288** | Turno: **1** Additionally, the digits that appear after the slash (/) in the physical product coding correspond exclusively to internal traceability information, related to the packaging machine or filling line and the country of sale. These digits are not part of the batch delivered to the customer and are used only for internal process control and monitoring.
APPLICABLE LEGISLATION	N/A
USES AND INSTRUCTIONS	The main uses of Hidrosal are: • Regeneration of ion exchange resins (water softeners) when they are saturated with magnesium and calcium in water treatment. • Sterilization equipment. • Electrolysis. • Hypochlorite generation. • Brine production for petroleum. Its purity and calcium, magnesium, and organic matter content are minimal thanks to the land-based extraction process and the purification processes using chemical reaction and vacuum evaporation.
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