

## DEHYDRATED DE40 GLUCOSE SYRUP

GENERAL CHARACTERISTICS	
Physical aspects	White and slightly hygroscopic powder
Organoleptic aspects	Odourless, sweet taste
Origin	Wheat or maize
Chemical status	Dehydrated glucose syrup. Mix of nutritive saccharides, obtained through controlled enzymatic hydrolysis, purification and spray-drying of food-grade starch.

DESCRIPTION	
Function / Properties	<ul style="list-style-type: none"> <li>➤ The Dextrose Equivalent (DE) is the criteria that best characterizes the different functional properties of dehydrated glucose syrups.</li> <li>➤ Reducing the sweetness of products: the organoleptic characteristics of many products can be improved by a reducing their sweetness.               <ul style="list-style-type: none"> <li>○ If used to replace sucrose at a 1:1 ratio, it provides a lower sweetness to the products, while keeping their physical properties the same.</li> <li>○ In most cases, the total dry matter shall not be reduced (milk-based desserts, biscuits, fillings, ice cream glazes), reformulating with glucose syrups gives new opportunities in this field.</li> </ul> </li> <li>➤ Can be incorporated in ice cream ready-mixes, as a partial replacement of sucrose. Therefore its advantages are :               <ul style="list-style-type: none"> <li>○ An increased firmness</li> <li>○ Better extrusion</li> <li>○ Longer shelf-life</li> <li>○ Smaller and finer ice crystals</li> <li>○ A better mouthfeel during of the ice cream during its melting</li> </ul> </li> <li>➤ Improves the stability of foams (ex: chocolate mousse)</li> </ul>
Applications	<ul style="list-style-type: none"> <li>➤ Advised dosage : approximately 4% of the total weight of the mix</li> </ul>



The information contained in this publication is believed to be true and accurate to the best of our knowledge. It is the responsibility of the user to check before use that the products are suitable for the intended purposes. The users are also obliged to ensure that all legal requirements for the use of the products are being complied with; this also includes the legality of the use of the product itself. This version of the specification replaces all previous versions, and is valid without signature.

<b>SPECIFICATIONS</b>	
<b><u>Physico-chemical specifications</u></b>	
Moisture	Max. 6 %
Dextrose equivalent (DE)	35 – 41
Sulfites (SO <sub>2</sub> )	Max. 10,0 ppm
pH (50% solution)	4 – 5,5
Bulk density (loose)	540 – 750 g/l
<b><u>Heavy metals</u></b>	
<b>Max. 10 ppm</b>	
Arsenic	Max. 0.2 ppm
Lead	Max. 0.1 ppm
Cadmium	Max. 0.1 ppm
Mercury	Max. 0.02 ppm
<b><u>Microbiological specifications</u></b>	
Total plate count	Max. 1000 CFU/10g
Yeasts	Max. 100 CFU/10g
Moulds	Max. 100 CFU/10g
<i>E. coli</i>	Absent in 10 g
Salmonella	Absent in 25 g
* In accordance with the requirements regarding purity criteria of the regulation (EU) No 231/2012 of March, 9 <sup>th</sup> , 2012 and its modified versions.	

<b>NUTRITIONAL INFORMATION FOR 100 G</b>	
Energetic Value	380 kcal / 1615 kJ
Lipids	0 g
- Saturated Fatty Acids	0 g
Carbohydrates	95 g
- Sugars	35 g
Dietary fibres	0 g
Protein	0 g
Sodium	15 mg



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ALLERGENS		
	Presence	Cross Contamination
Peanuts and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Celery and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Cereals, gluten and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Crustaceans and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Tree nuts and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sesames seeds and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Molluscs and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mustard and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Milk and milk products	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Lupin and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Eggs and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Fish and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Soya and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sulphur dioxide and sulphites > 10 ppm	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Coconuts and products thereof	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

REGULATORY DATA	
<b>GMO</b>	Referring to regulation EC N° 1829/2003 and N° 1830/2003, the product hasn't been produced of genetically modified organisms nor contains genetically modified substance.
<b>Ionization</b>	The product hasn't been treated by ionization, and it is not made with raw materials treated by ionization.
<b>Nanomaterials</b>	The product is not made with nanotechnologies and does not contain nanomaterial referring to regulation EC n°1169/2011.
<b>N° CAS / CE</b>	- / -

DIET		
	Suitable for	Certified
<b>Halal</b>	X	
<b>Kosher</b>	X	
<b>Vegetarian</b>	X	
<b>Vegan</b>	X	



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PACKAGING /STORAGE	
<b>Packaging</b>	1 kg net plastic tin – box of 12 tins (12 kg) - pallet of 30 boxes (360kg) 5 kg bags – box of 5 bags (25 kg) – pallet of 18 boxes (450 kg) 25 kg bags – pallet of 20 bags (500 kg)
<b>Storage conditions</b>	Store in a cool, odourless and dry place (temperature below 25°C and relative humidity below 60%), in an air tight packaging
<b>Shelf life</b>	2 years in its original and unopened packaging

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**ARTICLE CODE**                      1 kg ⇒ 6120                                      5 kg ⇒ 1365H                                      25 kg ⇒ 1364D

*We reserve the right to modify this data according to the evolution of our products.*

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