



Secret Sun® Sea Salts

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**PRODUCT SPECIFICATION**  
**LOW SODIUM SEA SALT**  
**ITEM CODE: SHS 045LSF (F-20)**

**Description:** SHS 045LSF (F-20) Salt is high purity, food grade salt, produced naturally by our exclusive and patent process called LOW SODIUM SEA SALT. This salt is obtained by natural process of solar brine evaporation.

**Ingredient Statement:** sea salt

**Organoleptic properties:** SHS 045LSF (F-20) Salt has a characteristic salty taste.

**Additives:** Yellow prussiate of soda as anticaking agent 8-12 ppm Typical, and 13 ppm max. When this salt is incorporated into a food product, this additive is considered incidental, non-functional and exempt from label declaration in accord with 21CFR 101.100(a)(3).

**Applications:** Intended for a variety of food processing applications, including baking, soups, cheese manufacturing, meat processing, seasoning and prepared mixes. Non-food application includes acting as carrier or a chemical and bulking agent in many household and personal care product. Contains yellow prussiate of soda as an anticaking agent.

**Packaging and storage:** SHS 045LSF (F-20) is available in 50 lb., polypropylene bag. Chemically stable, Minimum cake-free life is 5 years when stored in a cool, dry area, relatively free of drafts, where humidity does not cycle through 75%rh.

**Brand Name:** Secret Sun®

**Pallets:** Standard pallet configuration 40 x 48, 50 bags per pallet, height: 42”.

**Methods of Analysis:** Methods of analysis are taken from Exportadora de Sal, S.A., Food Chemical codex, NOM 041 1993

**Other Properties:** SHS 045LSF (F-20) is free of allergens, and exhibits virtually no microbiological activity; Certified Kosher and Non-GMO; also available as Organic compliant with alternate anticaking agent.

Chemical analysis:			Sieve Analysis:		
	Unit	Typical	U.S. Mesh	% Retained	% Accumulate
Sodium Chloride	%	56.5	20 mesh	1.23	1.23
Calcium, as Ca	%	0.02	30 mesh	33.28	34.52
Magnesium, as Mg	%	2.8 ~ 2.9	40 mesh	25.7	60.22
Sulfate, as SO <sub>4</sub>	%	22.3 ~ 23.8	50 mesh	21.71	81.93
Potassium, as K	%	8.8 ~ 9.7	60 mesh	7.98	89.91
Moisture	%	2.0 ~ 4.0	70 mesh	6.40	96.31
YPS anhydrous	ppm	8 ~ 12	-70 + pan	3.69	100
Water Insoluble	%	0.01 ~ 0.07	total	100	
Heavy Metals (ppm):					
Copper, as Cu	ppm	Less than 0.5	Lead, as Pb	ppm	Less than 1.0
Cadmium, as Cd	ppm	Less than 0.5	Arsenic, as As	ppm	Less than 0.5
Mercury, as Hg	ppm	Less than 0.1	Iron, as Fe	ppm	Less than 1.0



Produced by Exportadora de Sal, S.A. de C.V.  
 Guerrero Negro, Baja California Sur, Mexico  
 www.essa.com.mx

