

SALES SPECIFICATION

SODIUM BICARBONATE FOOD GRADE

Chemical Specifications	Result
NaHCO ₃	99,3 % min
Na ₂ CO ₃	0,5% max
Cl	0,025% max
SO ₄ ⁻²	0,03% max
Water insoluble	0,05% max
Pb/Lead	0,1 mg/kg max
As/Arsenic	0,1 mg/kg max
Hg/Mercury	0,1 mg/kg max
Fe (Total)	10 ppm max
pH	8-8,6 max 1% solution
Solubility	Soluble in water, insoluble in ethanol
Test for sodium	Passes test
Test for carbonate	Passes test

Solubility	
15,6g/100ml water	60°C
9,55g/100ml water	20°C
5,55g/100ml water	0°C

Microbiological Properties & Dioxins	Result
Salmonella	0 kob/25 gr
Entro-bacteria	Max 5x10 ² kob/gr
Mould-yeast	Max 1000 kob/gr
Dioxins	Max 0,1 ng/kg
Sum of dioxins and dioxin-like PCB's	Max 1,0 ng/kg

Physical Properties		Result
Loss on drying		0,25% max (4hours on silica gel)
Bulk density	g/cm ³	0,75-1,15
Whiteness	%	L*=95 min (CIE lab)
Ammonium salt	No odour of ammonia perceptible after heating	

Particle size		Garantee
+ 75 micron (µm)	%	20-90
+ 45 micron (µm)	%	60-100

Product complies with EU directive 231/2012/EC.

Must be stored in a covered warehouse, preferably lower than 30°C and 50% relative humidity and well ventilated. Not recommended to store more than 1 pallet on another. The shelf life of the product is 2 years.

Origin; Turkey
Free from Allergens

Nutritional Analysis Results of Eti Soda Sodium Bicarbonate

Analysis Name	Result	Analysis Method
Protein (%)	0	AOAC 2001.11
Carbohydrates (%)	0	Calculation
Total Sugar (%)	0	AOAC 925.48
Starch (%)	0	According to Turkish official journal (date of 27/12/2011 and no: 28155)
Fat (%)	0	TS 4967
Fiber (%)	0	Calculation
Sodium (%)	27,25	NMKL 161
Energy (kcal/100 g)	0	Calculation

Ref : 15.ETISODA.107/905
Subj : Allergen Statement

To whom it may concern,

We hereby declare that our product Sodium Bicarbonate does not contain any of the substances as listed in the attached document; Table 13-3: Fragrance substance categorized as likely contact allergens by combination of evidence.

Best Regards,

ETİ SODA
ÜRETİM PAZARLAMA NK. VE
ELEKTRİK ÜR. SAN. VE TİC. A.Ş.

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CINER GRUBU VE
ETİ MADEN
İŞLETMELERİ
ORTAKLIĞIDIR

ETİ SODA ÜRETİM
PAZARLAMA NAKLIYAT Fabrika
VE ELEKTRİK ÜRETİM
SANAYİ VE TİC. A.Ş.

:ve, ilajjaç Mah. Gürajjaç
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Table 13-3: Fragrance substances categorised as likely contact allergens by combination of evidence.

INCI name (or, if none exists, perfuming name according to CosIng)	CAS number	Human evidence: see text	EC3 value (min; %)	SAR
AMBRETTOLIDE	7779-50-2	limited	none	+
CARVACROL	499-75-2	limited	none	+
Citrus paradisi §	8016-20-4	none	R43	n.a.
CUMINALDEHYDE	122-03-2	limited	none	+
CYCLOPENTADECANONE	502-72-7	limited	none	+
trans-trans-delta-DAMASCONONE	71048-82-3	limited	none	+
2,4-dimethyl-3-cyclohexen-1-carboxaldehyde §	68039-49-6	none	R43	+
DIMETHYLTETRAHYDRO BENZALDEHYDE	68737-61-1	limited	none	+
ETHYL VANILLIN	121-32-4	limited	none	+
HELIOTROPINE	120-57-0	limited	none	+
ISOAMYL SALICYLATE		limited	none	++

§ Substances/natural mixtures were classified as R43, according to the submission by IFRA. The evidence on which this classification was based was not available to the SCCS, so the validity of classification cannot be assessed. Nevertheless, the four substances/substance mixtures should be treated as likely contact allergens. n.a.: not applicable (natural mixture)

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INCI name (or, if none exists, perfuming name according to CosIng)	CAS number	Human evidence: see text	EC3 value (min; %)	SAR
	87-20-7			
ISOLONGIFOLENEKETONE	33407-62-4	limited	none	+
Longifolene §	475-20-7	none	R43	+
Mentha arvensis §	68917-18-0	none	R43	n.a.
METHOXYCITRONELLAL	3613-30-7	limited	none	+
METHYL CINNAMATE	103-26-4	limited	none	++
METHYLIONANTHEME	55599-63-8	limited	none	+
5-METHYL-alpha-IONONE	79-69-6	limited	none	+
MYRCENE	123-35-3	limited	none	++
MYRTENOL	515-00-4	limited	none	+
NEROL	106-25-2	limited	none	++
Nerolidol (isomer not specified)	1212-44-4	limited	none	++
NOPYL ACETATE	125-51-5	limited	none	+
PHYTOL	150-86-7	limited	none	+

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INCI name (or, if none exists, perfuming name according to CosIng)	CAS number	Human evidence: see text	EC3 value (min; %)	SAR
RHODINOL	6812-78-8	limited	none	+
trans-ROSE KETONE-5	39872-57-6	limited !	none	++

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Source: SCCS, — Opinion on Fragrance allergens in cosmetic products, pages 110-111

ETİ SODA
ÜRETİM PAZARLAMA NAK
ELEKTRİK ÜR. SAN. VE TİC.

Ref : 17.ETISODA.107/518
Subj : Sodium Bicarbonate/GMO

NON GMO CERTIFICATE FOR SODIUM BICARBONATE

Eti Soda declares that Sodium Bicarbonate is made by refining of natural sodium mineral, 'trona'. It is an inorganic chemical. Therefore, Sodium Bicarbonate is a non GMO material.

Sincerely,

C::—üfie9
ÜRETİM PAZARLAMA NAKLİYE
ELEKTRİK ÜR. SAN. VE TİC. A.Ş.

Erdem KESKİN
QC/QA & HSE Manager



CINER GRUBU VE
ETİ MADEN
İŞLETMELERİ
ORTAKLIĞI DİR

ETİ SODA ÜRETİM
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