

PuroXS grains

Pure grade sodium benzoate
 $C_6H_5CO_2Na$

CAS no: 532-32-1
 EINECS no: 208-534-8

Characteristic	Spec range	Unit	Method
Product specification			
Assay (on dried product)*	99.9 min	% (m/m)	DSM SPR AM 001+002
Loss on drying	1.0 max	% (m/m)	DSM SPR AM 015
Color (10% (m/m) solution in water)	10 max	APHA	DSM SPR AM 016
Acidity	0.40 max	mg NaOH/g	DSM SPR AM 017
Alkalinity	0.37 max	mg HCl/g	DSM SPR AM 017
Phenol	2 max	mg/kg	DSM SPR AM 006
Insoluble matter	to pass test		DSM SPR AM 018
Taste and odor	no off taste or odor		DSM SPR AM 019
Heavy metals	< 10	mg/kg	DSM SPR AM 005
Iron	< 1	mg/kg	DSM SPR AM 005
Sulphate, as SO_4^{2-}	< 50	mg/kg	DSM SPR AM 021
Chloride, as Cl^- ⁽¹⁾	< 25	mg/kg	DSM SPR AM 022
Halogenated compounds, as Cl^- ⁽²⁾	< 50	mg/kg	DSM SPR AM 023
Total chlorine, as Cl^-	< 75	mg/kg	(sum 1+2)
Turbidity (of a 10% (m/m) solution in water)	< 0.5	NTU	DSM SPR AM 024
Oxidizable substances	< 0.10	ml 0.02 mol KMnO ₄ /g	DSM SPR AM 009
Organic volatile impurities	to pass test		DSM SPR AM 025
Polycyclic acids	to pass test		DSM SPR AM 026
Sodium phthalate	< 0.005	% (m/m)	DSM SPR AM 002

* Assay = 100% - total organic impurities

Purox S grains, pure grade sodium benzoate contains < 1 mg/kg: Ag, As, Bi, Cd, Co, Cr, Cu, Hg, Mn, Ni, Pb, Sb, Sn, Zn

This material meets the requirements of FCC5th ed., USP31/NF26, Ph.Eur. 6th ed. BP'08, JPXIV'01, E211.

REACH Pre-registration number: 05-2114478613-42-0000

This material is certified Kosher and Kosher for pass-over  and certified Halal 

Issue date: 15-Apr-2009



Address:

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Communication:

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To Whom It May Concern:**Subject: allergens and sensitizers data**
In connection with EU Directive 2003/89 (Annex IIIa)

Benzaldehyde	Purox S grains, pure grade Sodium Benzoate
Benzylalcohol	Purox B flakes, pure grade Benzoic Acid
	Purox B Food/Pharma, ultra pure grade Benzoic Acid

Please be informed that the above products, produced by DSM Special Products, are fully synthetic products. Raw materials, additives and catalysts used in the production processes are all synthetic materials. During production until the packaging of the product, these products cannot come into contact with materials from natural origin.

Allergens and Sensitizers listed below are not present in any of these products, not present on same line and not present in the facility.

Allergens	Sensitizers
Dairy products	Monosodium glutamate
Egg products	Sulphur dioxide (>10 ppm)
Cereals containing gluten	Sulphites (>10 ppm)
Soybean products	Yeast
Peanut products	BHA / BHT / TBHQ
Tree nuts	Chocolate derivates
Fish / Shell fish products	FD&C colors
Sesame seed products	Natural alcohol
Mustard products	Beef / pork derivatives
- Other natural allergens	- Other natural sensitizers

If you have additional questions, please contact us via your DSM sales-contact.

Rob Franssen
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DSM Special Products

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Appearance	White grains, dust free
Bulk density	Min. 600 kg/m ³
Density	1440 kg/m ³
Solubility (in water)	560 kg/m ³ (20 °C)
Degradation point	410 - 430 °C
Packaging	Polyethylene sealed bags, 25 kg net, 55 bags/ pallet Big bag: 650 and 1000 kg net, 1 bag/ pallet On heat treated pallets.
Pallet information	25 kg bags: 122X101 cm 650 kg bags: 120X114 cm 1000 kg bags: 120X114 cm
Storage	Store cool and dry; product is slightly hygroscopic
Shelf life	3 years



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All data and information contained in this document are believed to be reliable at the date of issue mentioned on this document. However, since DSM has no influence on the use, processing and application of the product, DSM can accept no responsibility whatsoever on this respect and the buyer can derive no rights there from. The buyer shall check the quality and all other properties of the product and assumes all responsibilities arising from the use of the products and the information related thereto. DSM accepts no liability arising from any infringement of intellectual property rights of third parties that is the result of manufacturing application or sale of products by the buyer.

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