

PROBENZ™

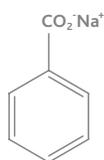
sodium benzoate

Personal care and cosmetics

Safe and economical protection for:

- Hairstyling—Shampoos, conditioners, styling products
- Skin care—Facial care and cleansing, body and baby care
- Toiletries—Shower, bath, and oral care

Figure 1. Probenz™ sodium benzoate—Attributes



Sodium benzoate
CAS Number: 532-32-1
EINECS: 208-534-8

- Colorless
- Odorless
- Water soluble
- Very compatible
- Effective
- Safe

Eastman offers three forms of sodium benzoate:

- Probenz™ SG sodium benzoate, food grade, kosher—A granular form used as a preservative in personal care applications. It is also used as a corrosion inhibitor.
- Probenz™ SP extra dry sodium benzoate, food grade, kosher—Sodium benzoate extra dry has a fine powder consistency. This form of sodium benzoate is engineered to achieve extremely low moisture content.
- Probenz™ SP powder sodium benzoate, food grade, kosher—Used as a preservative in personal care applications. It is also used as a corrosion inhibitor.

Probenz™ sodium benzoate—Typical properties

Property ^a	Typical value, units
Appearance	Granular, flaky powder, or fine powder
Bulk density (tapped)	
SG sodium benzoate	0.70 g/cm ³ (44 lb/ft ³)
SP powder sodium benzoate	0.29 g/cm ³ (18 lb/ft ³)
Melting point	>300°C
Molar mass	144.11 g/mol
pH (1% aqueous solution)	
Granular	6.5–8.0
Powder	6.5–8.0
Solubility	
In cold or hot water	Readily soluble
Methanol	Partially
Specific gravity (at 25°/25°C)	1.44

^aProperties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

Probenz is considered not to be derived from plant sources and, therefore, is not produced using genetically modified organisms (GMO) or recombinant DNA technology.

As supplied by Eastman, Probenz meets the requirements of 21 CFR 184.1733 for sodium benzoate, affirming it as generally recognized as safe (GRAS) for uses specified in 21 CFR 184.1733(c) and (d). Based on 21 CFR 184.1(a) and 21 CFR 186.1(a), it is also GRAS for use as an indirect human food ingredient. In addition, Eastman has obtained third-party certification outlined by Global Food Safety Initiative (GFSI) requirements, particularly Food Safety System Certification (FSSC) 22000.



Probenz™ sodium benzoate is conveniently packaged in various sized triple-wall paper bags with polyethylene liners and in super sacks with polyethylene liners.

Elevated temperatures and high humidity conditions should be avoided during storage.

Additional food contact compliance information and Safety Data Sheets (SDS) are available at www.eastman.com.

For more information regarding Probenz™ sodium benzoate, call 1-800-EASTMAN or visit Eastman.com.

EASTMAN
The results of insight™

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