

Product Data Sheet

Bismuth Subsalsicylate

UPDATED ON 2018-05-01

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|----------------|----------------------------------------------------|-------------------------------------------------------------------------|
| Nomenclature: | Basic Bismuth Salicylate Bismutum Oxysalicylate | Salicylic Acid Bismuth Basic Salt Bismuth, (2-hydroxybenzoato-O-)oxo |
| Formula: | C ₇ H ₅ O ₄ Bi | |
| CAS Number: | 14882-18-9 | |
| EINECS Number: | 238-953-1 | |

Chemical Data:

| | Specification USP 41 | Specification Ph. Eur. 9.0 |
|---------------------|-------------------------|-------------------------------|
| Bismuth, dry | 56.0 – 59.4% | 56.0 – 59.4 % |
| Salicylate, dry | 36.5 – 39.3% | - |
| Identification | positive | positive |
| Loss on drying | max. 1.0 % | max. 1.0 % |
| Nitrates | max. 0.4 % | max. 0.4 % |
| Free salicylic acid | max. 0.2 % | - |
| pH | 2.7 – 5.0 | - |
| As | max. 10 ppm | - |
| Cu | max. 10 ppm | max. 50 ppm |
| Pb | max. 10 ppm | max. 20 ppm |
| Ag | max. 10 ppm | max. 25 ppm |
| Soluble Bi | max. 40 ppm | max. 40 ppm |
| Chlorides | - | max. 200 ppm |
| Acidity | - | pass test |

Morphological and Physical Data:

| | Specification | Typical value |
|-------------------------------------|---------------|---------------------------------|
| Particle size: d50 (Helos/Rodos) | | 1-2 µm |
| Appearance | | white or almost white powder |
| Tapped density | | 0.5 g/cm ³ |
| Molecular weight | 362.09 | |

Regulatory Information:

| | |
|-------------------|---------------------------------------------------------------------------------------|
| BSE/TSE | Product does not contain ingredients or is produced by raw materials of animal origin |
| GMO | Product does not contain ingredients or is produced by raw materials containing GMOs |
| Residual solvents | Product does not contain residual solvents |
| REACH | Product is registered acc. to REACH-regulation |

Particle Size Distribution:

