

Nomenclature:	Bismuth hydroxide Bismuttrihydroxid Trihydroxyde de bismuth	Bismuth trihydroxide Bismon Bismuth acid
Formula:	Bi(OH) ₃	
CAS Number:	10361-43-0	
EINECS Number:	233-790-2	

Chemical Data:

	Specification	Typical value
Bismuth	min. 78.8 %	80 %
Na	max. 20 ppm	15 ppm
Ag	max. 25 ppm	< 5 ppm
Cu	max. 50 ppm	< 5 ppm
Pb	max. 20 ppm	< 5 ppm
Loss on drying	max. 2 %	1 %

Morphological and Physical Data:

	Specification	Typical value
Particle size: d50 (Helos/Rodos)		2 µm
Appearance		whitish powder
Tapped density		1 g/cm ³
Density (theor.)	appr. 4.4 g/cm ³	

Regulatory Information:

RoHS	The material complies with RoHS/WEEE/ELV-regulation: Pb, Hg, Cr(VI), PBB, PBDE: each < 1000 ppm Cd: < 100 ppm
REACH	Product is registered acc. to REACH-regulation

Particle Size Distribution:

