

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	81.7 – 86.6 %	83 %
Cl	max. 50 ppm	< 50 ppm
Cu	max. 50 ppm	< 5 ppm
Pb	max. 20 ppm	< 5 ppm
SO ₄	max. 10 ppm	< 10 ppm
Alkalies	max. 1 mg/ 0.2 g	0.1 mg

Morphological and Physical Data:

	Specification	Typical value
Particle size:		
d50 (Helos/Rodos)		< 5 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 (EC 1907/2006)

Particle Size Distribution:

