

# Product Data Sheet

## Bismuth Oxychloride

UPDATED ON 2011-09-01

Nomenclature:	Basic Bismuth Chloride Bismuth Chloride Oxide Bismuthyl Chloride	Bismuth Subchloride Chlorbismol Bismuth Monochloride Monoxide
Formula:	BiOCl	
CAS Number:	7787-59-9	
EINECS Number:	232-122-7	

### Chemical Data:

#### Specification BPC 63

Identities	complies
Bismuth wet	79.0 – 81.0%
Chloride, wet	min. 12.5%
Alkalies	max. 1%
Cu	max. 50 ppm
Ag	pass test
Pb	max. 50 ppm
As	max. 2 ppm
NO <sub>3</sub>	pass test
SO <sub>4</sub>	pass test

### Morphological and Physical Data:

	Specification	Typical value
Particle size:		
d50 (Helos/Rodos)		1.5 µm
D <sub>SEM</sub>		5 – 30 µm
Appearance		Fine, whitish powder
Bulk density		0.5 g/cm <sup>3</sup>
Density (theor.)	7.8 g/cm <sup>3</sup>	
Molecular weight	260.43	

### Regulatory Information:

BSE/TSE	Product does not contain ingredients or is produced by raw materials of animal original
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 preregistered acc. to REACH-regulation (EC 1907/2006)

### Particle Size Distribution:

