



METASTANNIC ACID

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Synonyms: metastannic acid, beta stannic acid, $\text{SnO}_2 \cdot x\text{H}_2\text{O}$, acid tin oxide

C.A.S. No: [13472-47-4] EINECS No: 2367455

Description: Metastannic acid produced by reacting high grade tin metal with nitric acid.

Physical state: Inert white powder, comprising aggregates of spherical primary particles. Non-flammable. Specific Gravity 5.20

TYPICAL PROPERTIES

Surface Area (BET):	180 m ² g ⁻¹
Bulk Density:	1200 g l ⁻¹
pH (50g in 50mls. Water):	0.5 to 2
Free nitric acid (HNO ₃)	2.5% maximum
Chemical data (as oxides):	
Pb, Sb	each typically <0.03%
Fe, Bi, Cu, As	each typically <0.02%
Co, Ni, Ag, Cd, Mg, Mn, Zn	each typically <0.001%
Total of impurities listed	0.15% maximum

All information is given in good faith but without warranty.
This Data Sheet supersedes and replaces all previous issues.

Keeling & Walker products are manufactured under the ISO 9001 Quality Management System and the ISO 14001 Environmental Management System