



HIGH PURITY (4N) ALPHASTANNIC ACID

DATA SHEET - 065 Issue 4, Effective Date: 03/11/2008

Chemical Name: alphastannic acid, orthostannic acid, $\text{SnO}_2 \cdot x\text{H}_2\text{O}$

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

Description: High purity alphastannic acid of minimum purity 99.99% produced from high grade tin metal.
Alphastannic acid is a hydrated tin oxide, supplied as creamy-white granules consisting of aggregates of spherical primary particles.
Uses include catalysis and ion exchange.

TYPICAL PHYSICAL PROPERTIES

Surface area (BET) :	Approximately 200 $\text{m}^2 \text{g}^{-1}$
Specific gravity :	Approximately 5.2
Tap Density :	Approximately 1900 g l^{-1}
pH (50g in 50mls water):	Approximately 2.5

CONTROL PROPERTIES

Chemical data: This material is produced from high purity tin metal of 99.999% minimum purity

Minimum purity (dry state): 99.99% SnO_2

Individual maximum impurities:

Pb	0.001%	Fe	0.001%	Sb	0.001%
Cu	0.001%	As	0.001%	Al	0.003%

Water Content (LOI @1000°C) = 11 to 15%

Equivalent Tin (Sn) Content = 67 to 70%

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