



## HIGH PURITY (5N) TIN OXIDE

DATA SHEET - 064

Issue 1, Effective Date: 17/11/2006

**Chemical Name:** stannic oxide, tin (IV) oxide, SnO<sub>2</sub>

**C.A.S. No:** [18282-10-5]

**CCCN No:** 282590 30 0

**EINECS No:** 2421590

**Description:** High purity stannic oxide of minimum purity 99.999% produced from high grade tin metal

**Physical state:** Off white to pale yellow powder, comprising aggregates of primary particles. Non-flammable. Specific Gravity 6.95

### CONTROL PROPERTIES

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

**Minimum purity (dry state):** 99.999% SnO<sub>2</sub>

### TYPICAL SIGNIFICANT PROPERTIES

**Aggregate Particle Size:** < 250 microns

**Median Particle Size:** 2 to 5 microns

**Surface Area (BET) m<sup>2</sup> g<sup>-1</sup>:** 4 to 6

**Bulk Density g l<sup>-1</sup>:** 1400

**Tap Density g l<sup>-1</sup>:** 2200

All information is given in good faith but without warranty.

This Data Sheet supersedes and replaces all previous issues.

Keeling & Walker Test Methods are available for all the above determinations.

Keeling & Walker tin oxide is manufactured under a Quality Assurance System certified to comply with ISO 9000.