

Camlab Limited – Material Safety Data Sheet


1. Identification

Product Code CC/1437-CA

Product Name **STANNIC OXIDE pure**

Molecular Formula **SnO₂ =150.69**

CAS Number **18282-10-5**

Supplier: **CAMLAB LIMITED**
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(Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
STANNIC OXIDE pure	18282-10-5	242-159-0	> 99.5%	None	WEL

3. Hazards Identification

Not considered harmful

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.

5. Fire Fighting Measures

Hazards Presents no specific fire danger.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Avoid breathing dust-wear respiratory protective equipment.

Environmental Presents no major environmental hazard.

Major Spillage Shovel/sweep up into container for removal Wash area down with copious amounts of water.

6. Accidental Release Measures (continued)

Minor Spillage Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing.

 Ensure Local Exhaust Ventilation maintains dust concentrations below the recommended limits.

Storage Conditions Well ventilated, cool, dry storage .

8.1 Workplace Exposure Limits

Workplace Exposure Limits	Long Term (8hr TWA):	-	ppm	2.000	mg m-3
	Short Term (15min Period):	-	ppm	4.000	mg m-3

8.2 Personal Protection

Respiratory If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.

Hands Wear gloves.

Eyes Use chemical splash proof glasses or goggles.

Skin Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	White powder.
Odour	Odourless.
pH	7 (Slurry)
Boiling point	1850.0 °C
Melting point	1630.0 °C
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	Can form explosive dust clouds.
Oxidising Properties	No.
Vapour Pressure	Not available.
Relative Density	Not available
Water Solubility	Insoluble in water.

10. Stability & Reactivity

Chemical Stability Stable under normal conditions

Conditions to Avoid No specific conditions.

Materials to Avoid No specific materials to avoid.

Hazardous Not determined.

Decomposition Products

11. Toxicological Information

Eyes Contact with the solid or dust may be irritating to the eyes.

Skin Contact with the solid or dust may be irritating to the skin.

LD50 Skin Not available

Ingest Presents no significant hazard by ingestion.

LD50 Ingest 2 g/kg body weight

Inhalation Presents no significant health hazard by inhalation.

11. Toxicological Information (continued)

Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.

12. Ecological

No specific environmental hazard.

13. Disposal Considerations

Disposal Methods	Do not dispose of as domestic waste.
Contaminated Packaging	Wash out containers with water.

14. Transport Information

Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling Classification	None
Label Symbols	None
Risk & safety Phrases	None
EEC Number	242-159-0

16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

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