

**Sinko Resources, Inc.**

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**Material Safety Data Sheet**

**IN CASE OF EMERGENCY  
CALL SINKO RESOURCES:  
1-212-545-0450**

**EFFECTIVE DATE: JUNE 1, 1994  
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**TRADE NAME: TIN OXIDE - GRADE A**

**I. GENERAL INFORMATION****CHEMICAL NAME**

TIN (IV) - OXIDE

**CHEMICAL FAMILY**

TIN (IV) - OXIDE

CAS - NR: 18282-10-5

**CHEMICAL FORMULA**

SN O2

**D.O.T. HAZARD CLASSIFICATION**

NON - HAZARDOUS

**II. HAZARDOUS INGREDIENTS**

**HAZARDOUS CHEMICALS MARKED WITH \* ARE SUBJECT TO THE REPORTING  
REQUIREMENTS OF SECTION 313 OF SARA, TITLE III**

**PRINC. HAZARDOUS COMPONENTS / CAS-NO / TLV (UNITS)**

TIN, INORGANIC COMPOUNDS, (AS TIN)

18282-10-5 &gt; 78.0 2.0000 HG/M3 (ACGIH)

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TRADE NAME: TIN OXIDE - GRADE A**III. PHYSICAL DATA**

			METHOD/REMARKS
BOILING POINT			NM
SPECIAL GRAVITY	(H <sub>2</sub> O = 1.0)	CA 6.900	
VAPOR PRESSURE	(MM HG)	(DEG. C)	NA
PERCENT VOLATILE BY VOLUME			NM
VAPOR DENSITY	(AIR = 1)		NA
EVAPORATION RATE	(ETHER = 1)		NA
SOLUBILITY IN WATER	(DEG. C)		INSOLUBLE
PH 100%	(DEG. C)		NA
<u>APPEARANCE AND ODOR: WHITE POWDER / ODORLESS</u>			

**IV. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD)	NA
AUTO IGNITION TEMPERATURE	NA
FLAMMABLE LIMITS IN AIR (% BY VOLUME)	NA
EXTINGUISHING MEDIA	NA
SPECIAL FIRE FIGHTING PROCEDURES	NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE

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TRADE NAME: TIN OXIDE - GRADE A

**V. HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE:

NOT ESTABLISHED

CARCINOGEN:

NO

EFFECTS OF EXPOSURE:

EYE CONTACT:

NO SPECIAL EFFECTS HAVE BEEN OBSERVED

SKIN CONTACT:

NO SPECIAL EFFECTS HAVE BEEN OBSERVED

INHALATION OF VAPORS:

IN CASE OF EXCEEDED TLV THE PRODUCT IS  
HARMFUL BY INHALATION.

PRIMARY ROUTES OF ENTRY: INHALATION

FIRST AID PROCEDURES:

INHALATION:

REMOVE INDIVIDUAL FROM SITE OF EXPOSURE  
TO FRESH AIR.

INGESTION:

NO SPECIAL FIRST AID MEASURES REQUIRED.

EYE CONTACT:

FLUSH IMMEDIATELY WITH LARGE QUANTITIES OF  
WATER.

SKIN CONTACT:

WASH OFF WITH SOAP AND WATER.

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**VI. REACTIVITY DATA**

STABILITY:

STABLE: YES

UNSTABLE: NO

CONDITION TO AVOID:

NONE

INCOMPATIBILITY (MATERIALS TO AVOID):

NONE WITH PROPER STORAGE AND HANDLING

HAZARDOUS POLYMERIZATION:

MAY OCCUR:NO

WILL NOT OCCUR:YES

CONDITIONS TO AVOID:

NONE

HAZARDOUS DECOMPOSITION PRODUCTS:

NORMAL CONDITIONS:

NONE WITH PROPER STORAGE AND HANDLING.

IN CASE OF FIRE:

NONE KNOWN

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**VII. ENVIRONMENTAL PROTECTION PROCEDURES**

SPILL RESPONSE:

TAKE UP MECHANICALLY AND DISPOSE OF SAFELY ACCORDING TO  
INFORMATION GIVEN IN THIS MATERIAL SAFETY DATA SHEET.

WASTE DISPOSAL METHOD:

IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.  
DEPOSIT ON AUTHORIZED, SUITABLE DUMP SITE.

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### VIII. SPECIAL PROTECTION INFORMATION

#### RESPIRATORY PROTECTION

IN CASE OF EXCEEDED TLV:

RESPIRATORY PROTECTIVE EQUIPMENT, CARTRIDGE FOR HARMFUL PARTICLES.

#### EYE PROTECTION:

NOT REQUIRED

#### SKIN PROTECTION:

NONE REQUIRED

#### VENTILATION RECOMMENDED

LOCAL EXHAUST: NO

MECHANICAL (GENERAL): YES

#### OTHER PROTECTIVE EQUIPMENT:

NONE REQUIRED

### IX. SPECIAL PRECAUTIONS

#### HANDLING AND STORAGE

AVOID FORMATION OF DUST.

#### OTHER PRECAUTIONS

WASH HANDS BEFORE BREAKS AND AT THE END OF WORKING.

#### FURTHER INFORMATION

NONE

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE, WE MAKE NO WARRANTY WITH RESPECT HERETO AND DISCLAIM ALL LIABILITY FROM ALLIANCE THEREON.

NA - NOT APPLICABLE

MN = NOT MEASURED

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