

LTS Research Laboratories, Inc. Safety Data Sheet Indium Tungsten Oxide

1. Product and Company Identification		
Trade Name:	Indium oxide	
Chemical Formula:	In_2O_3 -WO ₃	
Recommended Use:	Scientific research and development	
Manufacturer/Supplier:	LTS Research Laboratories, Inc.	
Street:	37 Ramland Road	
City:	Orangeburg	
State:	New York 10962	
Zip Code: Country:	USA	
Tel #:	855-587-2436 / 855-lts-chem	
24-Hour Emergency Contact:	800-424-9300 (US & Canada) +1-703-527-3887 (International)	
	2. Hazards Identification	
Signal Word:	Warning	
Hazard Statements:	H302 Harmful if swallowed	
Precautionary Statements:	P261 Avoid breathing dust/fume/vapor P301+P312 If swallowed: Call a POISON CENTER or doctor/physician if you feel unwell	
HMIS Health Ratings (0-4):		
Health:	1	
Flammability:	0	
Flammability: Physical:	0 1	
Physical: Chemical Family:	1 3. Composition Ceramic	
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Physical: Chemical Family: Additional Names: Indium oxide (In ₂ O ₃):	1 3. Composition Ceramic Indium oxide-Tungsten Oxide	
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4. First Aid Procedures		
General Treatment:	Seek medical attention if symptoms persist.	
Special Treatment:	None	
Important Symptoms:	None	
Inhalation:	Remove victim to fresh air. Supply oxygen if breathing is difficult.	
Ingestion:	Seek Medical Attention.	
Skin:	Wash affected area with mild soap and water. Remove any	
E	contaminated clothing.	
Eyes:	Flush eyes with water, blinking often for several minutes. Remove contact lenses if present and easy to do. Continue rinsing	
	5. Firefighting Measures	
Flammability:	Non-flammable	
Extinguishing Media:	No special restrictions – use suitable extinguishing agent for	
Space Fire Fighting Procedure:	surrounding material and type of fire. Use full-face, self-contained breathing apparatus with full protective	
Spec. Fire Fighting Procedure:	clothing to prevent contact with skin and eyes. See section 10 for	
	decomposition products.	
	6. Accidental Release Measures	
If Material Is Released/Spilled:	Wear appropriate respiratory and protective equipment specified in	
	special protection information. Isolate spill area and provide ventilation. Vacuum up spill using a high efficiency particulate	
	absolute (HEPA) air filter and place in a closed container for disposal.	
	Take care not to raise dust.	
Environmental Precautions:	Isolate runoff to prevent environmental pollution.	
	7. Handling and Storage	
Handling Conditions:	Wash thoroughly after handling.	
Storage Conditions:	Store in a cool dry place in a tightly sealed container. Store apart from	
	materials and conditions listed in section 10.	
Work/Hygienic Maintenance:	Do not use tobacco or food in work area. Wash thoroughly before	
	eating and smoking. Do not blow dust off clothing or skin with	
	compressed air.	
Ventilation:	Provide sufficient ventilation to maintain concentration at or below threshold limit.	
8.	Exposure Controls and Personal Protection	
Permissible Exposure Limits:	0.1 mg/m ³ as In, long-term value	
Threshold Limit Value:	0.1 mg/m^3 as In, long-term value	
Special Equipment:	None	
Respiratory Protection:	Dust Respirator	
Protective Gloves:	Rubber gloves	
Eye Protection:	Safety glasses or goggles	
Body Protection:	Protective work clothing. Wear close-toed shoes and long	
	sleeves/pants.	

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	15. Regulatory Information	
Sec 302 Extremely Hazardous:	N/A	
Sec 304 Reportable Quantities:	N/A	
Sec 313 Toxic Chemicals:	N/A	

16. Other Information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.

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12/11/2019

