

Product name: **INDIUM-TIN-Oxide 1-3mm**

1. PRODUCT AND COMPANY IDENTIFICATION			
Product name	<b>INDIUM-TIN-Oxide 1-3mm</b>	<b>58.1</b>	Date revised :2013
EC n°			
Manufacturer / distributor	<b>DAC VISION</b> 22 av. Joliot Curie - 17180 PERIGNY - FRANCE		
Phone number/mail	+33 5 46 27 27 24 - Fax : +33 5 46 27 14 36 - <a href="mailto:dacvision.eu@dacvision.com">dacvision.eu@dacvision.com</a>		
Emergency phone number	see item 16		
2. HAZARD IDENTIFICATION			
CAS #:	50926-11-9		
Phrase R	-	CLP- H	
Phrase S	-	CLP- P	
3. COMPOSITION, INFORMATION ON INGREDIENTS:			
Metal oxide blend 90 wt.% In 2 O 3 /10wt% SnO 2			
4. FIRST AID MEASURES :			
Inhalation	Remove to fresh air.		
Eye contact	Flush with plenty of water for at least 15 minutes.		
Skin contact	Flush with soap and water.		
Ingestion	Induce vomiting.		
Environment	-		
5. FIRE FIGHTING MEASURES			
Extinguishing media	None		
Inappropriate extinguishing media	None		
Specific hazards	None		
Personal protection	None		
6. ACCIDENTAL RELEASE MEASURES :			
Individual and environmental protection	Dispose of in normal refuse.		
Cleaning up	Sweep or scoop up and remove.		
7. HANDLING AND STORAGE:			
Handling	Wash thoroughly. Do not get in eyes, on skin or clothing. Keep container closed. Store in tightly closed containers.		
Storage	Not classified as hazardous by DOT, UN or IMCO		

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**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

<b>Respiratory protection</b>	Local exhaust
<b>Hands protection</b>	Glove : Neoprene
<b>Eye protection</b>	Safety Glasses.
<b>Skin protection</b>	Normal laboratory wear.
<b>General</b>	

**9. CHEMICAL AND PHYSICAL PROPERTIES :**

<b>Apparence</b>	White to pale yellow pieces	<b>Decomposition temperature</b>	
<b>Colour</b>		<b>Viscosity</b>	
<b>Odour</b>		<b>Solubility</b>	Insoluble
<b>pH</b>		<b>Pressure of vapor</b>	
<b>Boiling point:</b>	Unknown		
<b>Melting temperature</b>	Approximately 1500 °C		
<b>Flash point</b>			
<b>Density</b>	7.16		
<b>Inflammation temperature</b>			

**10. STABILITY AND REACTIVITY:**

<b>Stability</b>	Stable
<b>Conditions to avoid</b>	
<b>Materials to avoid</b>	
<b>Decomposition products</b>	None

**11. TOXICOLOGICAL INFORMATION:**

**Acute toxicity:**

<b>Inhalation</b>		
<b>Ingestion</b>	Tin oxide is of low oral toxicity. Animal studies show indium to be moderate to highly toxic via ingestion with liver, heart and kidney effects. An irritant upon skin contact.	T i
<b>Skin contact</b>	Mild irritation (transient)	N
<b>Eye contact</b>	Mild irritation (transient)Mild irritation (transient)Corrosive	N
<b>Chronic toxicity</b>	Mild pulmonary irritation. Mild benign pneumoconiosis (stenosis) may result from chronic long term exposure to tin dust and fumes.	f
<b>Irritation/ sensitization</b>	Mild irritation (transient)	N

**12. ECO-TOXICOLOGICAL INFORMATION:**

<b>Degradability</b>	
<b>Accumulation</b>	
<b>Different harmful effects :</b>	
<b>Effects with short and long terms</b>	

**13. DISPOSAL:**

<b>Code EWC (European waste code)</b>	
<b>Contaminated containers recommendations</b>	

**14. TRANSPORT INFORMATION:**

Labelling:

**15. REGULATORY :**

<b>Phrase R</b>	-	<b>CLP- H</b>	
<b>Phrase S</b>	-	<b>CLP- P</b>	

Product name: **INDIUM-TIN-Oxide 1-3mm****16. OTHER INFORMATION:****EMERGENCY PHONE NUMBERS:**

FR: FRANCE: ORFILA: (00 33) 01 45 42 59 47 UNITED KINGDOM: NATIONAL CHEMICAL EMERGENCY CENTER CULHAM LABORATORY: (00 44) 01235 463076 ITALY: LABORATORI DE TOSSICOLOGIA: (00 39) 0266 10 10 17 SPAIN: SERVICIO DE INFORMACION TOXICOLOGIA: (00 34) 91 562 04 8 PORTUGAL: SEVICO TOXICOLOGIA: (00 351) 213 30 3259  
GERMANY: BERATUNGSSTELLE BEI VERGIFTUNGEN: (00 49) 06131 19228:

Autre :

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