

LTS Research Laboratories, Inc. Safety Data Sheet Lanthanum Cobalt Oxide

1. Product and Company Identification

Trade Name: Chemical Formula:	Lanthanum Cobalt Oxide LaCoO ₃
Recommended Use:	Scientific research and development
Manufastan (Samalian	I TS Descend Laboraterias Lab
Manufacturer/Supplier: Street:	LTS Research Laboratories, Inc. 37 Ramland Road
City:	Orangeburg
State:	New York
Zip Code:	10962
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
	Contraction and the state of th
Hazard Statements:	H315: Causes skin irritation
	H317: May cause an allergic skin reaction
	H319: Causes serious eye irritation
	H335: May cause respiratory irritation
	H351: Suspected of causing cancer
Precautionary Statements:	P202: Do not handle until all safety precautions have been read and understood
	P261: Avoid breathing dust/fume/vapor
	P264: Wash hands, face and any exposed skin thoroughly after
	handling P271: Use only outdoors or in a well-ventilated area
	P272: Contaminated work clothing should not be allowed out of the
	workplace P280: Wear protective gloves/protective clothing/eye protection/face
	protection P302+P352: IF ON SKIN: Wash with soap and water
	P304+P340: IF INHALED: Remove victim to fresh air and keep at r
	in a position comfortable for breathing
	in a position comfortable for breathing P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
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	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. E2	xposure Controls and Personal Protection
Permissible Exposure Limits:	N/A
Threshold Limit Value:	N/A
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.
9.	Physical and Chemical Characteristics
Color	N/A
Form:	Powder, Granules, Pellets, Sputtering target, Custom parts
Odor:	N/A
Water Solubility:	N/A - Besearch
Boiling Point:	N/A Statistic for a constant and the second s
Melting Point:	N/A
Flash Point:	N/A
Autoignition Temperature:	N/A
Density:	6.95 g/cc
Molecular weight:	245.84 g/mol
	10. Reactivity
Stability:	Stable under recommended storage conditions
Reacts With:	Water, Oxidizing agents, Reducing agents, Carbon dioxide
Incompatible Conditions:	None
Hazardous Decomposition Products:	Metal oxide fume
	11. Toxicological Information
Potential Health Effects:	
Eyes:	Causes serious eye irritation
Skin:	May cause an allergic skin reaction
Ingestion:	May cause irritation
Inhalation:	May cause respiratory irritation
Chronic:	N/A
Signs & Symptoms:	N/A
Aggravated Medical Conditions:	Suspected of causing cancer
Madian Lathal Daga	N/A
Median Lethal Dose:	

	12. Ecological Information
Aquatic Toxicity:	N/A
Persistent Bioaccumulation Toxicity:	N/A
Very Persistent, Very Bioaccumulative:	N/A
Notes:	N/A
	13. Disposal Considerations
Dispose of in accordance with local, state,	, national, and international regulations.
	14. Transportation Data
Hazardous:	Not hazardous for transportation
Hazard Class:	N/A
Packing Group:	N/A
UN Number:	N/A
Proper Shipping Name:	N/A
	15. Regulatory Information
Sec 302 Extremely Hazardous:	No
Sec 304 Reportable Quantities:	N/A
Sec 313 Toxic Chemicals:	No

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.

Document Last Revised:

02/23/2021