


UNIVERSAL PHOTONICS

 Corporate Headquarters: 495 West John Street • Hicksville, NY • 11801
 516-935-4000 • Fax: 516-935-4039 • 800-645-7173

SECTION 1: CHEMICAL PRODUCT & COMPANY INFORMATION

PART #: BA-00105
 IDENTITY: UNICER 90 ST
 SUPPLIER: UNIVERSAL PHOTONICS, INC.
 495 WEST JOHN STREET
 HICKSVILLE, NY 11801
 24HR PHONE #: 800-541-8346-3E COMPANY
 FOR INFORMATION: (516) 935-4000
 DATE PREPARED: SEPTEMBER 20, 2004

SECTION 2: COMPOSITION INFORMATION
INGREDIENTS:

CeO ₂	(CAS Number 1306-38-3; Einescs Number 2151504)-Non Toxic (TSCA XU listed)
La ₂ O ₃	(CAS Number 1312-81-8; Einescs Number 2152005)-Non Toxic (TSCA XU listed)
Nd ₂ O ₃	(CAS Number 1313-97-9; Einescs Number 2152141)-Non Toxic (TSCA XU listed)
Pr ₆ O ₁₁	(CAS Number 12037-29-5; Einescs Number 2348579)-Non Toxic (TSCA XU listed)
11%	Non toxic
Aluminosilicate	
4% Sodium Carbonate	Non toxic with dust risk (R36 irritating to eyes S22-26)

SECTION 3: HAZARDS IDENTIFICATION

There are no carcinogens in this product.
 Short-term effects of inhalation can include discomfort, coughing, nasal discharge and other symptoms similar to those of a bad cold. Drying of the mucous might also be experienced.

SECTION 4: FIRST AID MEASURES

EYES	Immediately wash (for 15 minutes) from eyes with large amounts of water, occasionally lifting upper and lower eyelids. If irritation occurs and persists, seek medical attention.
SKIN	Wash with mild soap and water.
INHALATION	Remove from exposure to fresh air promptly.
INGESTION	Give two glasses of water or milk and induce vomiting by having patient touch back of his throat with his finger. Never make an unconscious person vomit. Get medical attention immediately.

SECTION 5: FIRE FIGHTING MEASURES

UNUSUAL FIRE AND EXPLOSION	Will not burn or explode.
HAZARDS:	Non-flammable
EXTINGUISHING MEDIA:	N/A
SPECIAL FIRE FIGHTING PROCEDURES:	N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

LEAKS AND SPILLS:	Spilled material should be swept up or washed to a sewer system that is treated to remove suspended solids.
PERSONAL PROTECTION:	N/A

SECTION 7: HANDLING & STORAGE

HANDLING:	No special precautions required. Fiber drums or plastic containers dependent on customer's requirements.
STORAGE:	No special precautions required.
DISPOSAL:	Landfill in accordance with local, state and federal regulations.

SECTION 8: PERSONAL PROTECTION & EXPOSURE CONTROLS
PERSONAL PROTECTION:

HAND: N/A	EYE: N/A	SKIN: N/A
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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: Powder	ODOR: None
pH: 6.0-8.0	DENSITY (20°C): 0.67grams/cc
SOLUBILITY: Insoluble	COLOR: Tan

SECTION 10: PHYSICAL & CHEMICAL PROPERTIES

STABILITY: Essentially inert.
 CONDITIONS TO BE AVOIDED: N/A
 MATERIALS/CHEMICALS TO BE AVOIDED: N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY:
 TESTS FOR DOT HAZARD CLASSIFICATION: Tested. NOT classified as hazardous.
 TESTS FOR FDA APPROVAL FOR USE IN FOODS: Not applicable.
 HUMAN TOXICOLOGY: In general, the toxicological properties of the compounds of both cerium and other lanthanide series members are similar to those of the compounds of aluminum. The primary route of exposure is inhalation.

SECTION 12: ECOLOGICAL INFORMATION

Waste streams containing this product should be treated for suspended solids removal.

SECTION 13: DISPOSAL INFORMATION

Landfill in accordance with local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

No special precautions required.

SECTION 15: REGULATORY INFORMATION

NIOSH:	No specific studies conducted on the rare earth compounds.
EPA:	Contains chemical(s) listed on SARA 313 Toxic Chemical List.
USDA:	Not applicable.
FDA:	Not applicable.
DOT:	Not applicable.

SECTION 15: OTHER INFORMATION
DISCLAIMER:

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