

SUPPLIER: GUARSON CHEMICAL (TAIZHOU) Co., Ltd

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Cationic Photoinitiator(GARICURE PI 810)

Section 1-----Identification of the substance Preparation and of the company-----

Trade name: Cationic Photoinitiator(GARICURE PI 810)

Application of the substance/the preparation:

Coating material

Further information obtainable from:

Product safety department

Section 2-----Composition /Information on ingredients-----

Component	CAS No.	Percent	EINECS/ELINCS
Diphenyliodonium Hexafluorophosphate	58109-40-3	98.00%min	

Section 3-----Possible hazards-----

Appearance: like white crystal powder

Warning! Causes respiratory tract irritation. Irritant. Causes eye and skin irritation. May cause digestive tract irritation.

Target Organs: No data found.

Potential Health Effects

Eye: Causes eye irritation. May cause chemical conjunctivitis.

Skin: Causes skin irritation.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: Causes irritation of the mucous membrane and upper respiratory tract.

Chronic: Effects may be delayed. Prolonged exposure can cause damage to the eyes, severe irritation or burns.

Section 4-----First aid measures-----

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: Never give anything by mouth to an unconscious person. Get medical aid immediately. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician: Treat symptomatically and supportively.

Section 5-----Fire Fighting and measures-----

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Flash Point: Not applicable.

Autoignition Temperature: Not applicable.

Explosion Limits, Lower:Not available.

Upper: Not available.

NFPA Rating: (estimated) Health: 2; Flammability: 0; Instability: 0

Section 6-----Accidental release measures-----

Wear appropriate personal protective equipment,including appropriate respiratory protection to ventilatecontaminated area.Contain spill if possible.Wipe up or absorb on suitable material and shove up.Prevent entry into sewers and waterways.Avoid contact with skin , eyes or clothing

Section 7-----Handling and storage-----

Handling precaution: In accordance with good industrial practice,handle with care and avoid unnecessary personal contact.Avoid contact with eyes and prolonged or repeated skin contact. For industrial use only.

Shipping and storing precaution: Keep container tightly closed in cool condition when not in use and during transport.

Personal hygiene: Wash thoroughly after handling.

Section 8-----Exposure controls and personal protection-----

Protective equipment:

Eye protection:safety goggle is recommended.

Skin protection:Glove and lab coat is recommended.

Respiratory protection:Suitable mask is recommended where vapor arises from use.

Section 9-----Physical and chemical properties-----

Physical State: Powder

Appearance: like white crystal powder

Freezing/Melting Point: 142°C (dec.)

Molecular Formula: C₁₂H₁₀F₆IP

Molecular Weight: 426.08

Section 10-----Stability and reactivity-----

Stability: Stable

Incompatibilities: Mineral acid. Avoid contact with excessive heat, open flame, sparks, or ignition source. Avoid exposure to sunlight, ultraviolet light or fluorescent light.

Hazardous decomposition: Toxic fumes of carbon dioxide, carbon monoxide, and hydrogen fluoride gas.

Section 11-----Toxicological information-----

Acute effects:

May be harmful by inhalation, ingestion, or skin absorption.

May cause eye and skin irritation

May be irritating to mucous membranes and upper respiratory tract.

Section 12-----Ecological information-----

Data not yet available.

Section 13-----Ecological information-----

Waste disposal method:

Incinerate in a chemical incinerator equipped with an after burner and scrubber. Follow all federal, state and local regulations.

Section 14-----Transport information-----

Hazards Class: 6.1: Miscellaneous dangerous goods.

UN-No: 2811

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.

Packing group: III

Specific precautionary transport measures and conditions: When transporting the product, confirm that there is no leakage from the vessel. Load with care lest it should collapse, tumble, fall, or be damaged.

Emergency [Tel:86-523-88059600](tel:86-523-88059600)

Section 15-----Other Information-----

Shelf life:1 year minimum in sealed containers protected from light and heat.

Suggested uses:A cationic photoinitiator for UV-Curable systems.

The information and recommendations contained herein are based upon data believed to be correct. However, no warranty or warranty of any kind expressed or implied is made with respect to the information contained here.

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