



SUPPLIER: GUARSON CHEMICAL Co.,Ltd

RM 1006 Section B, Yafang Building, Jiangyan Ave. Jiangyan City, Jiangsu, China

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Status 18.07.09

Cationic Photoinitiator(GARICURE®9388)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: Bis(4-tert-butylphenyl)iodonium hexafluorophosphate

Company: GUARSON CHEMICAL CO.,LTD

Street address: RM 1006 Section B, Yafang Building, Jiangyan Ave. Jiangyan City, Jiangsu, China

Responsible Department: Global Business Department

Telephone: +86-523-88059600

Fax: +86-523-88223118

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Substance

Component(s): Bis(4-tert-butylphenyl)iodonium hexafluorophosphate

Percent: >98.0%(T)

CAS Number: 61358-25-6

Synonyms: GARICURE 9388

3. HAZARDS IDENTIFICATION

Most important hazards

Properties affecting health: Harmful in contact with skin and if swallowed.

Environmental properties: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Physico-chemical properties: Combustible substance. Keep away from fire.

Specific hazards: No information available.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Consult a physician.

Skin contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If the appearance of the exposed skin has changed or pain persists, medical treatment should be arranged.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

Ingestion: Rinse mouth. Call a physician immediately.

Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.



5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: dry chemical, foam, water spray, carbon dioxide.

Specific hazards: Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

Specific methods: Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. In case of a small fire in a confined area, movable containers should be promptly evacuated. Uninvolved persons should evacuate to a safe place. Immediately remove all sources of combustion. Measures should be taken to contain the water-discharge for fire-fighting lest those substances which affect the environment should leak.

Special protective equipment for firefighters: When extinguishing fire, be sure to wear personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc. Fire-extinguishing devices should be prepared in case of a fire.

Environmental precautions: Be careful not to let it flow into rivers, etc., since adverse effects on the environment are concerned.

Methods for cleaning up: Sweep dust to collect it into an air-tight vessel, taking care not to disperse it. Adhered or collected material, etc. should be promptly disposed of, in accordance with appropriate laws and regulations.

Prevention of secondary hazards:

Remove all sources of ignition. Fire-extinguishing devices should be prepared in case of a fire.

7. HANDLING AND STORAGE

Handling

Technical measures: Handling is performed in a well ventilated place. Wear suitable protective equipment. Handle with care to avoid dust dispersion. Wash hands and face before breaks and immediately after handling the product.

Precautions: Handle in a local exhaust unit to prevent dust and aerosol from being generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Storage

Storage conditions: Seal the container air-tight and store it in a cool dark place. Keep it away from fire sources, such as fire or heat source.

Packaging material: Law is followed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: Install airtight equipment or a local exhaust unit so that workers should not be exposed directly. Also install equipment for washing eyes and body near the place is handled.

Control parameters: Not set up. Personal protective equipment



Respiratory protection: Antivirus full
Hand protection: Protective gloves.
Eye protection: Safety glasses. A face-shield, if the situation requires. Skin and body protection: Protective clothing. An apron, boots, etc. according to the situation.
Special instructions for protection and hygiene: After handling, wash hands and gargle well.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: crystalline Powder
Color: Off-white
Odor: No data available
pH: No data available.
Boiling Point/Range: No data available
Melting point/freezing point: 140-175 °C

9. PHYSICAL AND CHEMICAL PROPERTIES:

Flash Point: No data available
Explosive limits: No data available
Density: No data available
Solubility: Soluble in : Methanol

10. STABILITY AND REACTIVITY

Stability: Stable at normal conditions.
Reactivity: No special reactivity has been reported.
Incompatible materials: oxidizing agents
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Hydrogen Iodide, Hydrogen fluoride

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No information available
Local effects: No information available.

12. ECOLOGICAL INFORMATION

Mobility: No information available.
Persistence / degradability: No information available
Bioaccumulation: No information available

13. DISPOSAL CONSIDERATIONS

Wear appropriate personal protective clothing.

In accordance with local and national regulations If the substance is burned for disposal, it should be burned in a furnace equipped with an afterburner and a scrubber after resolving it a combustible solvent. Empty the contents thoroughly before disposing of a container. If the substance is difficult to be disposed of, (e.g. by reason that there is no waste disposal facility), it should be committed to an authorized industrial waste processing agent.



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.

15. OTHER INFORMATION

The reference company name of written contents:

Company name: GUARSON CHEMICALS CO.,LTD

Address: RM 1006 Section B, Yafang Building, Jiangyan Ave. Jiangyan City, Jiangsu, China

Department: Global Business Department

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