



SUPPLIER: GUARSON CHEMICALS Co.,Ltd

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Status 18.07.08

**Cationic Photoinitiator(GARICURE®9392)**

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

Trade name: Cationic Photoinitiator(GARICURE®9392)

Application of the substance/the preparation:

Coating material

Further information obtainable from:

Product safety department

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

Component	CAS No.	amount(%w/w)
p-(OCTYLOXYPHENYL)PHENYLIODONIUM HEXAFLUOROANTIMONATE	121239-74-5	95min

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

Causes eyes irriation

May cause allergic skin reation

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

**If inhaled:** Remove to refresh air and summon medical help if respiratory irritation develops or if breathing becomes difficult.

**On skin contact:** Wipe away excess material with dry towel and then wash affected areas with plenty of water for several minutes. Get medical attention immediately if irritation occurs.

**On contact with eyes:** Immediately wash affected eyes for several minutes under running water with eyelids held open. Get medical attention immediately if irritation occurs.

**If swallowed:** Wash out mounth with water and then drink plenty of water and summon physician. Do not give anything by mouth to an unconscious or convulsing person.

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

Flammable limits: Not applicable

Decomposition temp: ca. 50°C

Exthingguishing media: Carbon dioxide, foam, dry chemical, water spray.

Fire fighting procedureds-special: Use self-contained breathing apparatus.

Flash Point, COC: >110°C (>230°F) Autoignition Temp.: not determined

Flammability Limits- LEL: NA UEL: NA

Extinguishing Media: Foam, carbon dioxide, dry chemical.



Special Fire Fighting Procedures: Avoid water spray as n-butanol will be generated. Avoid eye and skin contact. Do not breathe fumes or inhale vapors.

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

Wear appropriate personal protective equipment, including appropriate respiratory protection to ventilate contaminated 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-----

**Appearance:** White to off-white solid

**Boiling Point:** NA

**Melting Point:** 57-8°C

**Specific Gravity:** >1

**Vapor Pressure:** not established

**Vapor Density:** NA

**Solubility in water:** decomposes% volatiles: <3

**Evaporation rate:** NA

**Molecular Weight:** 645.03   **Other:** NA

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

**Stability:** Stable in sealed containers stored away from light exposure.

**Conditions to avoid:** Material decomposes on exposure to light, especially UV light liberating hydrogen iodide and antimony fluorides. Avoid contact with water.

**Hazardous decomposition products:** Organic acid vapors, hydrogen iodide and antimony fluoride

#### 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-----

Dot proper shipping name:

Not regulated as a hazardous material by the U.S. Dept. of transportation.  
(DOT) 49 CFR 172.101 HAZARDOUS MATERIAL TABLE.

DOT class: None

DOT number: None

HMIS Rating: Health: 2 Flammability: 1 Reactivity: 0 Protective Equipment: B

NFPA Rating: Health: 2 Flammability: 1 Reactivity: 0 Special

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

## Section 15-----Regulatory information-----

## 14.1 FEDERAL/NATIONAL

RCRA Status: Not a hazardous waste under RCRA (40 CFR 261).

CERCLA status: Not listed.

## SARA/TITLE III-TOXIC CHEMICALS LIST:

This product does not contain a toxic chemical for routine annual toxic chemical release reporting under sec. 313 (40 CFR 372)

## PENNSYLVANIA (WORKER AND COMMUNITY RIGHT-TO-KNOW ACT)

This product does not contain a toxic chemical for routine annual toxic chemical release reporting under sec. 313 (40 CFR 372)

## 14.2 STATE/LOCAL

## PENNSYLVANIA (WORKER AND COMMUNITY RIGHT-TO-KNOW ACT)

This product is subject to the worker and community Right-to-know Act.

Component	CAS No	Amount
Animiny compounds	not available	≤ 50.00%

## CALIFORNIA PROPOSITION 65 (SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986)

This product contains the following chemical(s) known to the state of California to cause cancer and birth defects or reproductive harm.

Component	CAS No	Amount
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Benzene

71-43-2

≤0.0010%

CALIFORNIA SCAQMD RULE 443.1(SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 443.1,LABELING OF MATERIALS CONTAINING ORGANIC SOLVENTS)

VOC: vapor pressure<0.03 mmHg@20°C

699g/1 VOC

Section 16-----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 guarantee or warranty of any kind expressed or implied is made with respect to the information contained here.