

Product: JRCure BP

1. CHEMICAL PRODUCT & COMPANY INFORMATION

Company Information

TIANJIN JIURI CHEMICAL CO., LTD.

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Product information

Product name
Use Photochemical

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product name: Benzophenone

Molecular Formular: C₁₃H₁₀O

CAS No.: 119-61-9

EC-No.: 204-337-6

Chemical characterization

Content: >99.0%

3. HAZARDS IDENTIFICATION

Irritant: irritating to eyes, respiratory system and skin harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST AID MEASURES

Inhalation: Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

Skin: wipe with absorbent paper or textile towels. wash off with soap and plenty of water. do not use organic solvents. in case of dermatitis, seek medical attention.

Eyes: Immediately flush the eye(s) with lukewarm, gently flowing water for 15 minutes or until the chemical is removed. Get immediate medical attention if irritation persists.

Ingestion: Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: dry powder, foam, water fog

Unsuitable Extinguishing Media: carbon dioxide

Hazardous combustion products: Burning may produce toxic combustion products., Carbon and phosphorus oxides.

Hazards during fire-fighting: Standard procedure for chemical fires. The product can form an explosive dust/air mixture. For further information, see Section 7 Explosion Hazards.

Protective equipment for fire-fighting:

Wear self-contained breathing apparatus and chemical-protective clothing.

6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions:	Do not breathe vapours/dust. avoid contact with skin, eyes and clothing.
Environmental Precautions:	Do not flush into surface water, sanitary sewer or ground water system.
Methods For Cleaning Up/Taking Up:	Soak up with inert absorbent material(e.g. sand,silica gel,acid binder,sawdust).collect the spilled product into suitable containers, which must be tightly sealed and roperly labelled.

7. HANDLING AND STORAGE

Handling:	Handle and open container with care. avoid dust formation and ignition sources. ensure good local exhaust ventilation. do not eat, drink or smoke at the workplace.
Storage:	Keep away from food and drink. store in the original container securely closed. protect from light. danger! explosion risk. risk of explosion if an air-dust mixture forms. empty only into earthed containers. If container is larger than 2000 liter in volume, or when flammable solvents are present inert container or use a system otherwise designed to prevent or contain an explosion -- seek expert advice.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit(S):	Irritant to skin, neurotoxic effects in animal studies
Technical Measures/Precautions:	Exposure limit(s) should be monitored using suitable analytical equipments
Respiratory Protection:	Effective dust mask
Eye Protection:	suitable goggles or face protection
Skin And Body Protection:	Working Clothes, Closed Footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	White
Form:	Crystal
State	of
Odour:	Mild
Self-ignition	temperature:
Melting	point:
Vapour	density:

10. STABILITY AND REACTIVITY

Decomposition temperature:	not tested
Conditions to avoid:	static discharges
Materials to avoid:	strong acids, strong bases and strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:	ld50 > 2000 mg/kg
Rat acute dermal:	irritant
Irritation/corrosion:	irritant
Rabbit acute eye irritation/corrosion:	irritant

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Rabbit acute skin sensitization: not tested

12. ECOLOGICAL INFORMATION

Acute toxicity to fish: lc50 43 mg/l

Fish acute toxicity to daphnia: ec50 30.1 mg/l

Daphnia magna: acute toxicity to bacteria: ic50 > 100 mg/l

Biodegradability: not readily biodegradable

Ectopic effects: do not discharge product uncontrolled into the environment. additives division

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: residual chemical should be disposed by incineration or by other modes of disposal in compliance with local legislation.

Contaminated packaging: contaminated packaging material should be treated equivalent to residual chemical. clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

14. TRANSPORT INFORMATION

TDG (Canada) Road transport Not classified as a dangerous good under transport regulations.

International Air Transport Association (IATA) Not classified as a dangerous good under transport regulations.

15. REGULATORY INFORMATION

Classification and labeling according to eu directives

INDICATION OF DANGER: Xi Irritant.

R-PHRASES: 36/37/38 52/53

Irritating to eyes, respiratory system and skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-PHRASES: 26 36

16. OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

The information contained herein is based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to such data or information. The user is responsible for determining whether the product is suitable for its intended conditions of use.