

**1. Product and company Identification**

Product Name : BI-792
Synonyms : Blocked isocyanate water dispersion
Product Use : crosslinking agent for waterborne coating
Supplier : GHEN MATERIALS LLC
Address : 234 10th Street Suite 516 , Jersey City, NJ 07302 USA
General Information : TEL 201-604-6231 FAX 201-604-6266
Emergency Contact Number : TEL 1-800-255-3924(CHEMTEL 24 hours for USA, Canada)

2. Hazardous identification**GHS Classification:**

Health	Environmental	Physical
Not classified	Not classified	Not classified

GHS Label:

Symbols: Not applicable	
Hazard Statements Not applicable	Precautionary Statements Not applicable

3. Composition / Information on Ingredients

	Chemical name	Wt %	CAS No.
A	Blocked Isocyanate	38-39	Trade secret
B	Emulsifier	1-2	Trade Secret
C	Water	60	7732-18-5

4. First Aid Measures**Eye contact**

Flush eyes with plenty of clean water for at least 15 minutes. Get medical attention. Keep enough opening the eyelid while flushing. Wash every corner of eye.

Skin

Wash with soap and water. If necessary, consult with a doctor/physician.

Inhalation

Remove the victim to fresh air immediately. If necessary, consult with a doctor/physician.

Ingestion

Do not induce vomiting. Give the victim one or two glasses of water. Call a physician immediately.

5. Fire Fighting Measures**Suitable extinguishing media:**

Use water spray, foam, carbon dioxide, and powder if this product dries up.

NOT suitable extinguishing media: Not applicable

Specific hazards with regard to fire-fighting measure:

This product does not burn by itself because of containing a lot of water.

If this product dries up and in case of fire, this product may liberate toxic gasses (NOx etc)

Specific methods of fire fighting:

Fight fire from windward. Shut off fuel to fire and use extinguishing agents.



Special equipment for the protection of firefighters:

As in any fire, wear self-contained breathing apparatus with full-face piece operated in positive pressure mode and full protective gear.

6: Accidental Release Measures

Personal precautions:

Evacuate personnel from the lee. Evacuate non-essential personnel. Shut off all sources of ignition; No flares, smoking or flames in the area. Wear proper protective equipment.

Environmental precautions:

Do not flush to sewer or waterways. Dike with soil. Cover with a sheet to prevent expanding odor.

Methods for cleaning up:

Absorb spill with inert materials (e.g. dry sand or soil), then place in a waste disposal container. Wash away with plenty of water, and process the drainage appropriately (incineration)

7. Handling and Storage

Handling

Appropriate technical measure:

Avoid contact with eyes, skin and clothing.

Practice good personal hygiene after using this material. Especially before eating, drinking, smoking or using toilet. Use with local exhaust ventilation.

Precautions for safe handling:

Don't leak, overflow, and scatter. Minimize vapor generation and accumulation. Shut off all sources of ignition;

No flares, smoking, or flames in the area. Avoid falling, dropping, shocking and dragging a container.

Storage

Suitable storage conditions:

Do not store in direct sunlight

Keep away from heat and flam. Avoid conditions to freeze. Keep at temperature between -5°C(23°F) and 40°C(104°F)

Keep container tightly closed when in not use.

8. Exposure Controls / Personal Protection

Engineering controls

No special ventilation requirement in s in normal industrial use. Facilities storing or utilizing this substance should be equipped with an eyewash facility and safety shower.

Personal protective equipment (PPE)

Eyes: Wear protective eyeglasses or chemical safety goggles

Skin: Wear appropriate rubber gloves to prevent skin exposure

Clothing: Wear appropriate protective clothing to prevent skin exposure

Respirators: chemical cartridge respirator with organic vapors cartridge.

9. Physical and Chemical Properties

Odor/Appearance	: White liquid, characteristic slight odor
Flashpoint	: not applicable
Auto-ignition Temperature	: not occur
Boiling Point	: 100°C (212°F) (water)
Melting Point	: 0 °C
Vapor Pressure	: not determined
Vapor Density (Air=1)	: not determined
Specific Gravity	: 1.04 (g/cm3)
pH Value (5% aq.)	: 7



Viscosity : 90mPa.s (at 25 °C (77 °F))
Solubility in water : Infinitely dispersed
Flammability : not flammable under normal conditions
Evaporation Rate (Water=1) : not determined

10. Stability and Reactivity

Stability : This substance is stable under the normal condition.
Possible hazardous reaction : This substance is stable under the normal condition.
Conditions to avoid : Direct sunlight, high temperature, freezing
Materials to avoid : Not applicable
Hazardous Reactions/Decomposition Products: When burned, it may exit hazardous gas of NOx etc.

11. Toxicological Information**Acute Toxicity Values**

Oral LD₅₀ (Rat) = Not available
Oral LD50> Not available
Skin LD50>2 Not available
Inhalation LC50 > Not available

Local effects

Skin Corrosion/irritation : This substance is not irritating and not corrosive to rabbit skin
Serious eye damage/ eye irritation : Not available
Sensitization : Not available
Germ cell mutagenicity : This substance was negative in the Ames Test
Carcinogenicity : Not available
Reproductive toxicity : Not available
Chronic toxicity or long-term toxicity : Not available
Aspiration hazard : Not available

12. Ecological Information**Ecotoxicity**

Fish : kill fish LC 50 fro oryzias latipes : 260ppm(48h)
Crustacea : Not available
Persistence / degradability : Not available
Bioaccumulation : Not available
Mobility : Not available
Other adverse effects ; BOD : 1mg/L at 0.1% ag. Of product, COD : 393mg/L at 0.1% ag. of product

13. Disposal Considerations

Dispose of according to State, Local and EPA regulations.

14. Transport Information**U.S. Department of Transportation (DOT)**

BI792 is not regulated by DOT.

15. Regulatory Information



U.S. Federal Regulations

- Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory.
- This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313

International Regulations:

16. Other Information

Harzard Rating

Health	: 1
Flammability	: 1
Reactivity	: 0

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