



## Safety Data Sheet (SDS)

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### 1. Product & Company Identification

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Product Name : Eco-Blue

Manufacturer : Yamato Protec Corporation  
Address : 5-17-2 Shirokanedai, Minato-ku, Tokyo  
Phone Number : 0570-080100 (Navi Dial)  
Department : Technical Support

Suggested Use & Limitations on Use : Test liquid for discharging inspection of foam fire extinguishing equipment

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### 2. Hazards Identification

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#### GHS Classification

All items of physicochemical hazards, health hazards, environmental hazards are “Not eligible for classification” at present.

Representation or Symbol : Not applicable  
Alert Level : Not applicable  
Hazard/Toxicity Information : None in particular

Precautionary statement

#### Safety Precautions

Do not handle until all safety precautions have been read and understood.  
Do not eat, drink or smoke when using this product.  
Wash hands thoroughly after handling.

#### First Aid Measures

IF IN EYES  
Rinse cautiously with water for several minutes.  
IF SWALLOWED  
Call a POISON CENTER/ doctor if you feel unwell.

#### Storage

Avoid high humidity, keep the product within the operating temperature range, and if possible, under lock indoors.

#### Disposal

The contents and the container should be disposed of by waste disposal contractors licensed by the Governor.

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### 3. Composition/Information on Ingredients

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Single Component or Mixture : Mixture  
Chemical Name or Common Name : Test liquid for discharging inspection of foam fire extinguishing equipment

Chemical Name or Common Name	CAS Number	Official Gazette Reference Code	Concentration or Concentration Range
Blue coloring agent (edible)	Available	Available	0.01% or less
Water	7732-18-5	Available	90% or above

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### 4. First Aid Measures

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#### IF IN EYES

Rinse cautiously with water for several minutes.

#### IF SWALLOWED

Call a POISON CENTER/ doctor if you feel unwell.

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### 5. Fire Fighting Measures

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Fire Extinguishing Agent : Not applicable due to non-combustibility  
Fire Extinguishing Agent Not To Be Used : Not applicable  
Special Hazards : No data available  
Special Fire Fighting Procedures : Not applicable  
Protection of Fire Fighters : Not applicable

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### 6. Leakage Measures

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#### Personal Precautions, Protective Equipment and Emergency Measures

The workers should wear suitable protective equipment (See "8. Exposure Prevention and Protection Measures") and avoid eye or skin contact and inhalation.

#### Environmental Precautions

None in particular

#### Collection, neutralization, containment, and cleanup procedures and equipment

None in particular

#### Prevention of Secondary hazards

None in particular

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## 7. Handling and Storage Instructions

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### Handling

- Technical Measures : Implement measures stated in “8. Exposure Prevention and Protection Measures” and wear suitable protective equipment such as protective glasses and gloves.
- Local Exhaust and Whole Ventilation : Implement local exhaust and whole ventilation stated in “8. Exposure Prevention and Protection Measures.”
- Safe Handling Instructions : Avoid contact, inhalation or swallowing.  
Wash hands thoroughly after handling.

### Storage

- Technical Measures : None in particular
- Incompatible Hazardous Material : Not applicable
- Storage Conditions : Avoid high humidity and store.
- Container and Packing Material : Product container and appropriate tank.

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## 8. Exposure Prevention and Protection Measures

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- Allowable Concentration : None in particular
- Equipment Measures : None in particular
- Respiratory Protective Equipment : None in particular
- Hand Protection : Wear protective gloves, etc. if required
- Eye Protection : Wear protective glasses, etc. if required
- Skin and Body Protection : Wear protective clothing, etc. if required

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## 9. Physical and Chemical Properties

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Physical State, Form, Color	: Blue transparent liquid
Odor	: No odor
pH	: 7.0 (20 °C)
Melting Point, Freezing Point	: 0 °C
Boiling Point, initial boiling point and Boiling Range	: No data available
Flash Point	: None
Explosion Limits	: No data available
Vapor Pressure	: No data available
Vapor Density (air = 1)	: No data available
Specific Gravity (relative density)	: 1.00 (20 °C)
Solubility	: Easily soluble in water
Autoignition Temperature	: No data available
Decomposition Temperature	: No data available
Odor Threshold	: No data available
Evaporation Rate	: No data available
Flammability (solid, gas)	: Not applicable
Viscosity	: 1.0 cSt

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## 10. Stability and Reactivity

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Stability	: Stable under normal handling conditions
Reactivity	: No reactivity under normal handling conditions
Hazardous Reactivity	: No data available
Conditions to Avoid	: No data available
Incompatible Hazardous Materials	: No data available
Hazardous Decomposition Products	: No data availab

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## 11. Toxicological Information

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Acute Toxicity (Oral)	: Not classified
Skin Corrosivity/Irritation	: Not classified
Serious Eye Damage/Eye Irritation	: Not classified
Respiratory or Skin Sensitization	: Not classified
Germ-Cell Mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive Toxicity	: Not classified
Specific Target Organ Toxicity (Single exposure)	: Not classified
Specific Target Organ Toxicity (Repeated exposure)	: Not classified
Aspiration Hazard	: Not classified

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## 12. Environmental Impact Information

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Acute Aquatic Environmental Hazards	: Not classified
Chronic Aquatic Environmental Hazards	: Not classified
Ecotoxicity	: No data available
Persistence and Decomposability	: No data available
Bioaccumulation	: No data available
Migration in soil	: No data available
Others	
Other Environmental Toxicity	: BOD : 2 mg/L (3% water solution) COD : 1 mg/L (3% water solution)

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## 13. Disposal Considerations

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### Residual Waste

Disposal should be in accordance with applicable laws and local regulations. Discharge should be done after decolorization by treatment such as oxidative decolorization as needed.

### Contaminated Containers and Packages

Containers should be properly disposed of in accordance with applicable laws and local regulations. If containers are disposed of, their contents should be completely removed.

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#### 14. Transport Considerations

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##### International Regulations

United Nations Number	: Not applicable
Product Name (Proper Shipping Name)	: Not applicable
Product Name (Proper Shipping Name in English)	: Not applicable
Class	: Not applicable
Container Class	: Not applicable

##### National Regulations:

Land Regulatory Information	Follow the provisions of the Fire Service Act
Aeronautical Regulatory Information	Follow the provisions of the Civil Aeronautics Act
Maritime Regulatory Information	Follow the provisions of the Ship Safety Act

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#### 15. Applicable Laws

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##### Industrial Safety and Health Act

Not applicable

##### Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof (PRTR Law)

Not applicable

##### Poisonous and Deleterious Substances Control Act

Not applicable

##### Fire Service Act

Not applicable as hazardous material

##### Civil Aeronautics Act

Not applicable

##### Ship Safety Act

Not applicable

##### Water Pollution Control Act

Not applicable

##### Sea Pollution Prevention Act

Not applicable

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#### 16. Other Information

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This product should be used with the understanding that the use of any chemicals involves unknown potential hazards and toxicity. Hazards and toxicity depend on the environment of use and the storage conditions and period. We suggest that those with knowledge and experience be involved in all stages from use through storage and disposal.

The instructions provided in this document should apply when the product is handled normally. If the product is handled in a special way, proper safety precautions should be taken. Also, it should be used under the responsibility of the user.

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