



## 1. IDENTIFICATION

PRODUCT NAME: Invisible Blue UV Tracer Dye  
CHEMICAL/FAMILY NAME: Fluorescent Agent

Brand: GLO Effex  
Company: GLO Effex  
Telephone: 951-290-2775  
EMAIL: [sales@gloeffex.com](mailto:sales@gloeffex.com)

Emergency Phone # 1-800-255-3924  
International +01-813-248-0585

## 2. HAZARD(S) IDENTIFICATION

Emergency Overview:  
Color: yellow  
Form: Liquid  
Odor: Ammonia  
May cause eye, skin, and respiratory tract irritation.

Acute Eye Contact: Due to the low vapor pressure inhalation of this material would be unlikely at room temperature. If heated vapors or mists may cause respiratory tract irritation with symptoms of coughing, runny nose and sore throat.

Acute Skin Contact: May cause irritation to the skin with symptoms of drying, itching and reddening.

Acute Ingestion: May cause nausea and produce local injury to the mouth throat and digestive tract with abdominal pain, burning, vomiting, and diarrhea.

Chronic Effects of Exposure: No applicable information was found concerning any adverse chronic health effects.

Carcinogenicity: The components of this product are not listed by NTP, IARC, or regulated as a carcinogen by OSHA.

Medical Conditions Aggravated by Exposure: Person with preexisting eye, skin, or respiratory tract disorders may be more susceptible to the effects of this product.

## 3. COMPOSITION/INFO ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

OSHA: Not Established  
Triethanolamine ACGIH:5.00 mg/m<sup>3</sup>  
TWA 10-15%  
Urea OSHA:  
Not Established

ACGIH: Not Established OSHA 10-15%

#### **4. FIRST AID**

Eye Contact: Promptly flush eyes with large amounts of water for at least 15 minutes. Get prompt medical attention.

Skin Contact: If large amounts then immediate flush with large amounts of water use soap if available. Remove contaminated clothing including shoes after flushing has begun. Call physician if irritation persists.

Inhalation: If inhaled immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for medical attention.

Ingestion: If swallowed call for medical attention

#### **5. FIRE-Fighting Measures**

FlashPoint: >200 F

Extinguishing Media: Water; dry chemical; carbon dioxide; foam

Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritation fumes.

#### **6. ACCIDENTAL RELEASE MEASURES**

Spill or Leak: Utilize recommended protective clothing. Spills should be taken up with an appropriate absorbent and placed in approved containers. Spill area can be washed with water. Collect wash water for approved disposal.

#### **7. HANDLING AND STORAGE**

Shelf Life: >12 Months.

Storage Temperature: 40 F Minimum

Handle in accordance with good industrial hygiene and safety practices. Use personal protection recommended in Section 8. Avoid contact with skin, eyes, or clothing. Avoid breathing dusts. Contaminated clothing should be removed and thoroughly washed before reuse..

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Eye Protection Requirements: Chemical Safety goggles.

Personal Protection: Rubber gloves and long sleeved shirts and pants to minimize skin contact. Wash hands before eating and drinking. NO special ventilation or respirator requirements when used under normal conditions.

Additional Protective Measures: Emergency showers and eye wash stations should be available. Educate and train employees in the safe use and handling of this product.

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

Specific Gravity AF: 1.1

Solubility in Water: Miscible

Color: Yellow

Physical Form: Liquid

VOC by Weight: Approx. 2%

EPA method 24/24a

pH: 10-11

pH: 10-11

Freezing/melting point AF: 23/212 F

## **10. STABILITY AND REACTIVITY**

Stability: Stable

Conditions to Avoid instability: Not applicable

Hazardous Polymerization: Will not occur

Materials and Conditions to Avoid incompatibility: Oxidizing and reducing agents may destroy color.

Hazardous Decomposition Products: CO, CO<sub>2</sub> oxides of nitrogen oxides of sulfur and other potentially toxic fumes.

## **11. TOXICOLOGICAL INFORMATION**

Oral LD50: 14,530 mg/kg (rat)

Dermal LD50: >2000 mg/kg (rabbit)

## **12. ECOLOGICAL INFORMATION**

Biological Oxygen Demand: 2.3mg/g (5 day)

## **13. DISPOSAL CONSIDERATIONS**

Should be accordance with existing federal, state, and local environmental regulations.

## **14. TRANSPORT INFORMATION**

DOT, ADR, ADN, IMDG, IATA Non-Regulated Material

UN Proper Shipping Name:

DOT, ADR, ADN, IMDG, IATA Non-Regulated Material

Transport Hazard Class(es):

DOT, ADR, ADN, IMDG, IATA Non-Regulated Material

Class: Non-Regulated Material

Packing Group:

DOT, ADR, IMDG, IATA Non-Regulated Material

Environmental Hazards: Not Applicable

Special Precautions for User: Not Applicable

Transport in Bulk according to Annex II of MARPOL73/78 and the IBC Code: Not Applicable

UN "Model Regulation: Non-Regulated Material

## **15. REGULATORY INFORMATION**

TSCA: This product is listed on the TSCA Inventory

CERCLA: None.

OSHA: This product is not hazardous under the criteria of the Federal OSHA hazard communication standard 29 CFR 1910.1200.

SARA TITLE III: Hazardous substances none, hazard categories: Immediate health hazard.

## 16. OTHER INFORMATION

Hazard Rating Systems:

This information is for people trained in National Paint and Coatings Associations Hazardous Materials Identification System National Fire Protection Association Identification of the Fire Hazards of Materials

	NPCA-HMIS	NFPA 704
Health	1	1
Flammability	1	1
Reactivity	0	0

Key: 0=Minimal - 1=Slight - 2=Moderate - 3=Serious - 4=Severe

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.