

Part Number: 14028

## 1. PRODUCT AND COMPANY IDENTIFICATION

**1.1 Product Name:** Toluidine Blue Stock Stain 1%, Aqueous  
**Part Number:** 14028  
**CAS-No.:** Not applicable  
**SDS Number:** 4500

**1.2 Recommended Use:** Laboratory Chemicals

**1.3 Company:** Newcomer Supply  
 2505 Parview Road  
 Middleton, WI 53562 USA

**Telephone:** 1-800-383-7799

**Fax:** 1-608-831-0866

**Website:** [www.newcomersupply.com](http://www.newcomersupply.com)

**Email:** [newly@newcomersupply.com](mailto:newly@newcomersupply.com)

24 HOUR EMERGENCY CONTACT  
 CALL CHEMTREC: 1-800-424-9300  
 Contact CHEMTREC only in the event of  
 an emergency involving a chemical spill,  
 leak, fire, exposure or other accident.

## 2. HAZARD(S) IDENTIFICATION

**2.1 Classification of the substance or mixture**  
 GHS Classification, (in accordance with 29 CFR1910.1200)  
 None

**2.2 GHS Label elements**  
**Signal Word** NONE

**Pictogram**

**Hazard Statement(s):**

· None

**Precautionary Statement(s):**

· None

**2.3 Description of any hazards not otherwise classified** None

**2.4 >1% of mixture with unknown acute toxicity** None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances**  
**Hazardous Components**

| Component |                | Concentration |
|-----------|----------------|---------------|
| Name      | Toluidine Blue |               |
| CAS-No.   | 92-31-9        | 1%            |

## 4. FIRST-AID MEASURES

**4.1 Description of necessary measures**

**Inhalation (breathing)**

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**Skin Contact**

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell.

**Eye Contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention.

Part Number: 14028

**Ingestion (swallowed)**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

**4.2 Most important symptoms and or effects, acute and delayed**

The most important symptoms/effects are presented in Section 2 and or Section 11.

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5. FIRE-FIGHTING MEASURES**

**5.1 Suitable extinguishing media**

Carbon dioxide, dry chemical, water spray, alcohol-resistant foam.

**5.2 Specific hazards arising from the substance or mixture**

No data available

**5.3 Protective equipment and precautions for fire-fighters**

Wear a positive-pressure self-contained breathing apparatus if necessary. Wear chemical resistant clothing as recommended by clothing manufacturer.

**NFPA Rating**

|           |           |            |
|-----------|-----------|------------|
| Health    | Fire      | Reactivity |
| hazard: 0 | hazard: 0 | hazard: 0  |

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

Apply personal protective equipment (see Section 8). Use in a properly ventilated area. Avoid breathing dust. Avoid skin contact. Avoid eye contact. Wash hands after use.

**6.2 Methods and material for containment and cleaning up**

Apply personal protective equipment (see Section 8). Contain spill. Prevent further leakage if possible and safe to do so. Ensure proper ventilation. For small amounts, wipe or absorb spill using inert material and dispose of according to local regulations. For large amounts, evacuate area and limit access. Prevent entry of material into sewage drains and confined areas. Dispose of any contaminated materials according to local regulations.

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing.

**7.2 Conditions for safe storage, including any incompatibilities**

Refer to Section 2.2 for proper storage temperature. Store the tightly closed container in a cool, dry, well-ventilated area.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control Parameters**

None of the components require monitoring at the workplace.

**8.2 Exposure Controls**

**Appropriate engineering controls**

Use in a properly ventilated area. Remove/wash before reuse contaminated clothing. Wash hands upon exiting work premises.

**8.3 Personal Protective Equipment**

**Eye/Face protection**

Part Number: 14028

Wear chemical safety goggles and/or a full face shield if splashing is possible. Keep eye wash fountain nearby.

**Skin Protection**

Wear chemical-resistant gloves. Gloves should be resistant to components of product. Refer to glove manufacturer for appropriate type and glove thickness.

**Body Protection**

No data available

**Respiratory Protection**

No data available

**Other Information**

None

**9. PHYSICAL AND CHEMICAL PROPERTIES**
**9.1 Information on basic physical and chemical properties**

|   |                               |
|---|-------------------------------|
| Physical state                          | Translucent, colorless liquid |
| Odor                                    | Odorless                      |
| Odor threshold                          | No data available             |
| pH                                      | No data available             |
| Melting point/freezing point            | ca. 0°C (ca. 32°F)            |
| Initial boiling point and boiling range | ca. 100°C (ca. 32°F)          |
| Flash point                             | No data available             |
| Evaporation rate                        | Evap. rate of water = 1; 1    |
| Flammability (solid, gas)               | Not flammable                 |
| Upper flammability or explosive limits  | No data available             |
| Lower flammability or explosive limits  | No data available             |
| Vapor pressure                          | 18 mm Hg at 20°C              |
| Vapor density                           | No data available             |
| Relative density                        | For water in air = 1; 1       |
| Solubility(ies)                         | Soluble                       |
| Partition coefficient: n-octanol/water  | No data available             |
| Auto-ignition temperature               | No data available             |
| Decomposition temperature               | No data available             |
| Viscosity                               | 1.222 (mPa)(s) at 20°C        |

**10. STABILITY AND REACTIVITY**
**10.1 Reactivity**

No data available

**10.2 Chemical stability**

Stable in a closed container within label-specified storage temperature and expiration date.

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials**

Strong oxidizers

**10.6 Hazardous decomposition products**

No data available

**11. TOXICOLOGICAL INFORMATION**

Part Number: 14028

**11.1 Information on toxicological effects****Inhalation exposure**

No data available

**Oral exposure**

No data available

**Dermal exposure**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ Cell mutagenicity**

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Acute toxicity**

No data available

**Carcinogenicity**

IARC: None of the components are listed

NTP: None of the components are listed

OSHA: None of the components are listed

**Additional information**

RTECS: No data available

**12. ECOLOGICAL INFORMATION****12.1 Ecotoxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Other adverse effects**

No data available

Part Number: 14028

**13. DISPOSAL CONSIDERATIONS****13.1 Waste disposal methods****Contents**

Dispose of contents in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of packaging in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

**14. TRANSPORT INFORMATION****14.1 DOT (US)**

|                              |                   |
|------------------------------|-------------------|
| <b>UN-Number</b>             | No data available |
| <b>Proper shipping name</b>  | No data available |
| <b>Hazard class</b>          | No data available |
| <b>Packing group</b>         | No data available |
| <b>Environmental hazards</b> | No data available |

**15. REGULATORY INFORMATION**

**15.1** No data available

**16. OTHER INFORMATION**

Preparation Information  
Newcomer Supply Inc.  
800-383-7799  
[www.newcomersupply.com](http://www.newcomersupply.com)  
Copyright © Newcomer Supply Inc. All rights reserved.