1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name: Aniline Blue Stain, Aqueous
Part Number: 10072
CAS-No.: Not applicable
SDS Number: 2340

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
Email: newly@newcomersupply.com

2. HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture
GHS Classification, (in accordance with 29 CFR1910.1200)
Skin irritation, Category 2
Serious Eye Damage/Eye irritation, Category 2

2.2 GHS Label elements
Signal Word: WARNING

Pictogram

Hazard Statement(s):
· Causes serious eye irritation
· Causes skin irritation
Precautionary Statement(s):
Prevention:
· Wear protective gloves/protective clothing/eye protection/face protection.
· Wash skin thoroughly after handling.
Response:
· IF ON SKIN: Gently wash with plenty of soap and water.
· Take off contaminated clothing and wash before reuse.
· If skin irritation occurs: Get medical advice/attention.
· 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.
· Specific treatment: see first aid measures in section 4.

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

3.2 Mixture
Hazardous Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Acetic Acid Glacial</td>
</tr>
<tr>
<td>CAS-No.</td>
<td>64-19-7</td>
</tr>
<tr>
<td></td>
<td>1%</td>
</tr>
</tbody>
</table>

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: Gently wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

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.

Ingestion (swallowed)
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Rinse mouth.

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
<table>
<thead>
<tr>
<th>Health hazard:</th>
<th>Fire hazard:</th>
<th>Reactivity hazard:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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 vapors. 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
Components with limit values that require monitoring at the workplace

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Regulatory</th>
<th>Value</th>
<th>Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetic Acid</td>
<td>64-19-7</td>
<td>OSHA PEL</td>
<td>TWA</td>
<td>10 ppm (25 mg/m³)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>TWA</td>
<td>10 ppm (25 mg/m³)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>STEL</td>
<td>15 ppm (37 mg/m³)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH REL</td>
<td>TWA</td>
<td>10 ppm (25 mg/m³)</td>
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<tr>
<td></td>
<td></td>
<td>NIOSH REL</td>
<td>STEL</td>
<td>15 ppm (37 mg/m³)</td>
</tr>
</tbody>
</table>

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. Take measures to keep concentrations below acceptable limits.

8.3 Personal Protective Equipment
Eye/Face protection
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
Respirators should only be used if the employer has a written program that takes into account workplace conditions, requirements for worker training, respirator fit testing, and medical exams as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Where the potential exists for exposure over 10 ppm: use a NIOSH approved full facepiece respirator with an organic vapor cartridge. Increased protection is obtained from full facepiece powered-air purifying respirators. If while wearing a filter or cartridge respirator you can smell, taste, or otherwise detect acetic acid, or if while wearing particulate filters abnormal resistance to breathing is experienced, or eye irritation occurs while wearing a full facepiece respirator, leave the area immediately. Check to make sure the respirator-to-face seal is still good. If it is, replace the filter or cartridge. If the seal is no longer good, you may need a new respirator.

Where the potential exists for exposure over 100 ppm, use a NIOSH approved supplied-air respirator with a full facepiece operated in a pressure-demand or other positive-pressure mode. For increased protection use in combination with an auxiliary self-contained breathing apparatus operated in a pressure-demand or other positive-pressure mode.

In case of emergency, entry into or escape from unknown concentrations, select the highest level approved respiratory protection available.

Other Information
None
9.1 Information on basic physical and chemical properties

- **Physical state**: Colorless liquid
- **Odor**: Mild vinegar odor
- **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**: No data available
- **Flammability (solid, gas)**: No data available
- **Upper flammability or explosive limits**: No data available
- **Lower flammability or explosive limits**: No data available
- **Vapor pressure**: No data available
- **Vapor density**: No data available
- **Relative density**: No data available
- **Solubility(ies)**: Infinitely soluble with water
- **Partition coefficient: n-octanol/water**: No data available
- **Auto-ignition temperature**: No data available
- **Decomposition temperature**: No data available
- **Viscosity**: No data available

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 oxidizing agents (especially chromic acid, sodium peroxide and nitric acid), strong reducing agents, metals, strong acids, and strong bases.

10.6 Hazardous decomposition products
Carbon dioxide and carbon monoxide may be released if product is heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

**Inhalation exposure**
Human data (Glacial Acetic Acid): Marked irritation of the eyes, nose, and upper respiratory tract which could not be tolerated for more than 3 minutes was noted at 816 to 1,226 ppm.

**Oral exposure**
No data available

**Dermal exposure**
No data available

**Skin corrosion/irritation**
Contact with glacial acetic acid can severely irritate and burn the skin.

**Serious eye damage/irritation**
Contact can severely irritate and burn the eyes, leading to eye damage.

**Respiratory or skin sensitization**
Glacial Acetic Acid: It has been stated that repeated exposures to high concentrations may produce respiratory tract irritation with pharyngeal edema and chronic bronchitis.

**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**
Glacial Acetic Acid:
LD50 rat oral  3310 mg/kg
LD50 rabbit skin  1060uL/kg
LD50 mouse intravenous 525mg/kg
LC50 mouse inhalation 5620ppm/1H

**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

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**
14. TRANSPORT INFORMATION

14.1 DOT (US)

<table>
<thead>
<tr>
<th>UN-Number</th>
<th>xx</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper shipping name</td>
<td>xx</td>
</tr>
<tr>
<td>Hazard class</td>
<td>xx</td>
</tr>
<tr>
<td>Packing group</td>
<td>xx</td>
</tr>
<tr>
<td>Environmental hazards</td>
<td>No data available</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

15.1 No data available

16. OTHER INFORMATION

Preparation Information
Newcomer Supply Inc.
800-383-7799
www.newcomersupply.com
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