1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name: Van Gieson Stain
   Part Number: 1404
   CAS-No.: Not applicable
   SDS Number: 4580

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)
   Acute toxicity (oral), Category 3
   Acute toxicity (dermal), Category 3
   Acute toxicity (inhalation), Category 4
   Skin sensitisation, Category 1

2.2 GHS Label elements
   Signal Word: DANGER

   Pictogram

   Hazard Statement(s):
   - Toxic if swallowed
   - Toxic in contact with skin
   - Harmful if inhaled
   - May cause allergy or asthma symptoms or breathing difficulties if inhaled

   Precautionary Statement(s):
   Prevention:
   - Wash skin thoroughly after handling.
   - Do not eat, drink or smoke when using this product.
   - Wear protective gloves/protective clothing/eye protection/face protection.
   - Avoid breathing dust/fume/gas/mist/vapours/spray.
   - Use only outdoors or in a well-ventilated area.
   - Contaminated work clothing should not be allowed out of the workplace.

   Response:
   - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
   - IF ON SKIN: Gently wash with plenty of soap and water.
   - Take off contaminated clothing and wash before reuse.
   - If skin irritation or a rash occurs: Get medical advice/attention.
   - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
   - Rinse mouth.
   - Specific treatment: see first aid measures in section 4.
   - Call a POISON CENTER or doctor/physician if you feel unwell.

   Storage:
   - Store locked up.

   Disposal:
Part Number: 1404

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>Picric Acid</td>
</tr>
<tr>
<td>CAS-No.</td>
<td>88-89-1</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. Call a POISON CENTER or doctor/physician 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 or a rash 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: Immediately call a POISON CENTER or doctor/physician. 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**
Health hazard: 1  Fire hazard: 0  Reactivity 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 vapors. Avoid skin contact. Avoid eye contact. Wash hands after use. In case of large spill, remove personnel to a safe area.
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>Picric Acid</td>
<td>88-89-1</td>
<td>OSHA PEL</td>
<td>TWA</td>
<td>0.1 mg/m³ (skin)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV</td>
<td>TWA</td>
<td>0.1 mg/m³ (skin)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH REL</td>
<td>TWA</td>
<td>0.1 mg/m³ (skin)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH REL</td>
<td>STEL</td>
<td>0.3 mg/m³ (skin)</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.

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
No data available

Other Information
None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
Physical state: Deep yellow colored 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: Similar to water
Flammability (solid, gas): No data available
Upper flammability or explosive limits: No data available
Lower flammability or explosive limits: No data available
Vapor pressure: Similar to water
Vapor density: No data available
Relative density: Similar to water
Solubility(ies): Completely water 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, acids, and alkalis

10.6 Hazardous decomposition products
No data available

11. TOXICOLOGICAL INFORMATION

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
Picric Acid:
LD50 rat 200 mg/kg

Carcinogenicity
IARC: 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
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)
UN-Number
No data available

Proper shipping name
No data available

Hazard class
No data available

Packing group
No data available

Environmental hazards
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
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