Van Gieson Stain

1. Identification

**Product Name:** Van Gieson Stain  
**Synonyms:** Van Gieson’s Solution  
**Recommended Use:** Special Stains  
**Manufacturer/Supplier:** Avantik Biogroup  
32 Commerce Street  
Springfield, NJ 07081  
1-888-392-8411  

2. Hazards Identification

**OSHA Hazard Classification(s):**  
Sensitization - Skin - Category 1B  
**Signal Word:** Warning  
**Hazard Statement(s):** May cause an allergic skin reaction.  

3. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Common Name</th>
<th>CAS #</th>
<th>Concentration %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acid Fuchsin</td>
<td></td>
<td>3244-88-0</td>
<td>Trade Secret</td>
</tr>
<tr>
<td>Picric Acid</td>
<td></td>
<td>88-89-1</td>
<td>Trade Secret</td>
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<tr>
<td>Water</td>
<td></td>
<td>7732-18-5</td>
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</tbody>
</table>

4. First Aid Measures

**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.  
**Skin Contact:** If on skin (or hair): Take off immediately all contaminated clothing and wash before reuse. Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.  
**Inhalation:** Remove to fresh air; give artificial respiration if breathing has stopped. Get medical advice/attention if you feel unwell.  
**Ingestion:** Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.  
**Symptoms:** Irritation eyes, nose, throat; headache, dizziness  
**Recommendations for immediate medical care/special treatment:** Get medical advice/attention if you feel unwell.

5. Fire-Fighting Measures

-**In Case of Emergency:**  
  Chemtrec US 1-800-424-9300  
  Chemtrec International 703-527-3887

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Van Gieson Stain

Extinguishing Media: Dry chemical, carbon dioxide, alcohol foam, water.

Fire Hazards (Chemical): Not flammable.

Special Protective Equipment: Fire fighters should use self-contained breathing apparatus and protective clothing.

Precautions for Firefighters: Fire fighters should use self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.

Protective Equipment: See section 8

Environmental Precautions: Prevent release to the environment by using barriers.


7. Handling and Storage

Handling: Do not breathe vapors. Do not eat, drink or smoke when using this product.


8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs):

<table>
<thead>
<tr>
<th>Reagent</th>
<th>CAS #</th>
<th>OSHA PEL TWA</th>
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</thead>
</table>

ACGIH Threshold Limit Values (TLVs):

<table>
<thead>
<tr>
<th>Reagent</th>
<th>CAS #</th>
<th>ACGIH PEL TLV</th>
<th>ACGIH STEL</th>
</tr>
</thead>
</table>

Engineering Controls: Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

Personal Protective Measures: Wear gloves, lab coat, eye protection and impervious footwear. Contact lenses should not be worn when working with this material.

Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: Purple/Brown, Brown Liquid

Molecular Weight: N/A

Molecular Formula: N/A

pH: N/A

Boiling Point and Boiling Range: N/A

Melting Point/Freezing Point: N/A

Flash Point: N/A

Specific Gravity/Relative Density: N/A

Odor: N/A

Odor Threshold: N/A

Color: Purple/Brown

Flammability (solid/gas): N/A

Vapor Density: N/A

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Partition Coefficient: n-octanol/water: N/A

Viscosity: N/A
### Van Gieson Stain

- **Auto-ignition temperature:** N/A
- **Solubility:** Miscible in water
- **Decomposition Temperature:** N/A

### 10. Stability and Reactivity
- **Reactivity:** N/A
- **Chemical Stability:** Stable
- **Conditions of Stability/Instability:** N/A
- **Stabilizers needed:** None
- **Safety issue indicated by appearance change:** N/A
- **Other:** N/A
- **Hazardous Reactions:** N/A
- **Hazardous Polymerization:** Does not occur
- **Conditions to avoid:** N/A
- **Classes of Incompatible Materials:** Oxidizers, Strong Acids, Strong Bases
- **Hazardous Decomposition Products:** Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (i.e. Carbon monoxide) may be released in a fire.

### 11. Toxicological Information
- **Likely Routes of Exposure**
  - **Eyes:** Irritation.
  - **Skin:** Irritation. May cause allergic reaction to skin. May cause sensitization over long time exposure.
  - **Inhalation:** Dizziness, headache.
  - **Ingestion:** Nausea.
- **Signs or Symptoms of Exposure:** Nausea. Skin sensitization.
- **Effects from short term exposure (delayed, immediate, chronic):** Irritation to the eyes, nose, throat, skin; headache, dizziness, nausea.
- **Acute Toxicity (Numerical Measures):** N/A
- **Carcinogenicity (NTP, IARC, OSHA):** N/A

### 12. Ecological Information
- **Ecotoxicity:**
- **Persistence and degradability:**
- **Bioaccumulation Potential (octanol-water partition coefficient, BCF):**
- **Mobility in the soil:**
- **Adverse Environmental Effects:**

### 13. Disposal Considerations
- **Recommended Disposal Containers:** Check with your local waste authorities*
- **Recommended Disposal Methods:** Do not dispose of in drains, check with your local waste authorities.*
- **Physical/Chemical Properties affecting Disposal:** See section 2 and section 9 applicable information.*
- **Special Precautions for Landfill and Incineration Activities:** Check with your local waste authorities.*
- **Waste Stream:** Consult your local or regional authorities.*

### 14. Transport Information
- **UN Number:** N/A
- **UN Proper Shipping Name:**
- **Transport Hazard Class(es):**
Van Gieson Stain

Packing Group Number:
Environmental Hazards (IMDG code):
  Marine Pollutant:
Transport in Bulk (IBC Code):
Special Transport Precautions:

15. Regulatory Information
OSHA:
DOT:
EPA:
CPSC:
### 16. Other Information

**Revision Date:** 01/07/2015

**NFPA**

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<tr>
<td>Reactivity</td>
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<tr>
<td>Specific Hazard</td>
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**HMIS**

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