SAFETY DATA SHEET

Section 1. Product and Company Identification

Manufacturer:

Poly Scientific R&D Corp
70 Cleveland Ave
Bay Shore, NY 11706
631-586-0400
www.polyrnd.com
polyrnd@polyrnd.com

Item Number:
s216ba-1

Common Name:
Weigerts Hematoxylin Solution A

Intended Use:
In Vitro Diagnostic use. Laboratory Use Only

IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Section 2. Hazard Identification

225 Flammable Liquids Cat 2
302 Acute toxicity, oral Cat 4
315 Skin corrosion/irritation Cat 2
319 Serious eye damage/eye irritation Cat 2A
335 Specific target organ toxicity, single exposure; Respiratory tract irritation Cat 3
370 Specific target organ toxicity, single exposure Cat 1

Danger:
Highly flammable liquid and vapour. Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation. Causes damage to eyes, blood and CNS.

Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Use only in well-ventilated area. In case of inadequate ventilation wear respiratory ventilation. Wash hands/skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Keep container tightly closed, locked up in well-ventilated area and cool. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Take off contaminated clothing and wash before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse Mouth. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash skin with soap/water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. 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. If exposed: Call a POISON CENTER or doctor/physician. Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise covered by GHS: None

Section 3. Composition Information

Exposure Limits (A blank value indicates no information available)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>PEL(mg/m3)</th>
<th>STEL(mg/m3)</th>
<th>CEIL(mg/m3)</th>
<th>Concentration Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>1,900.00</td>
<td>50-100%</td>
<td></td>
<td>50-100%</td>
</tr>
<tr>
<td>isopropyl Alcohol</td>
<td>67-63-0</td>
<td>1,225.00</td>
<td>980.00</td>
<td>0-5%</td>
<td>0-5%</td>
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<tr>
<td>Hematoxylin</td>
<td>517-28-2</td>
<td></td>
<td></td>
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<td>0-5%</td>
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<tr>
<td>Methyl Alcohol</td>
<td>67-56-1</td>
<td>325.00</td>
<td>260.00</td>
<td>0-5%</td>
<td>0-5%</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

Eye Contact:
Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.

Skin Contact:
Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention.

Ingestion:
Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention.

Inhalation:
Move person to fresh air. If necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention.

The most important known symptoms and effects are described in section 2 and/or section 11.

Section 5. Fire Fighting Measures

Extinguishing Media:
Use Dry Chemical, Foam or Carbon Dioxide

Special Fire and Explosion Remarks:
N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special:
Eliminate ignition sources. Take up spill with absorbent material

Spill Cleanup:
Take up spills with absorbent material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

Section 7. Handling and Storage

Storage and Handling Special:
N/A

Storage and handling:
Keep container tightly closed. Store in a cool, dry area and protect from physical damage.

Section 8. Exposure Controls/Personal Protection

Personal Protective Equipment:
Safety Glasses, Gloves, Vapor Respirator

This information is provided as a guide but proper PPE can only be determined by the end user and their situation.

Engineering Controls:
Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the workstation.
SAFETY DATA SHEET

Section 9. Physical and Chemical Properties

Appearance ........................................: clear tan to brown
Odor ...............................................: Pleasant
Odor Threshold .................................: N/A
pH ................................................................: N/A
Melting Point ......................................: N/A
Boiling Point .....................................: N/A
Flash Point (F) TCC ............................: N/A
Evaporation Rate .................................: N/A
Upper Flammability Limit (%) ............: N/A
Lower Flammability Limit (%) ............: N/A
Specific Gravity (@20°C) ......................: 0.791
Vapor Pressure (mm Hg) .......................: 52
Vapor Density (Air=1) .........................: 1.6
Relative Density .................................: N/A
Water Soluable? .................................: Yes
Volatile Percent .................................: 100
Partition Coefficient .........................: n-octanol/water: N/A
Auto Ignition Temp. .............................: N/A
Decomposition Temp ............................: N/A
Viscosity ...........................................: N/A

Section 10. Stability and Reactivity

Special Remarks on Stability ....................: Stable
Special Remarks on Reactivity ...............: N/A
Water Reactive ....................................: No

Section 11. Toxicological Information

Routes of Entry ....................................: Inhalation, Skin Absorption, Ingestion
Animal Toxicity .................................: Ethyl Alc: Acute Oral (LD50): 7060 mg/kg (Rat); Acute Dermal (LD50): 500 mg/24hr (Rabbit); Methyl Alc: Acute Oral (LD50): 5628 mg/kg (Rat); Acute Dermal (LD50): 500 mg/24hr (Rabbit); Isopropyl Alc: Acute Oral (LD50): 5045 mg/kg (Rat); Acute Dermal (LD50): 500 mg (Rabbit); Hematoxylin: Acute Oral (TDLO): 400 gm/kg (Rat)
Human Toxic Effects ...........................: Target Organs: Respiratory system, skin, eyes, CNS, liver, blood and reproductive system
Potential Acute Health Effects ...............: Hazardous in case of inhalation, eye contact, skin contact, ingestion
Potential Chronic Health Effects .............: Isopropyl Alcohol: IARC Code 3

Section 12. Ecological Information

Ecological Information ............................: N/A

Section 13. Disposal Considerations

Waste Disposal ......................................: Dispose of in accordance with local, state and federal laws.

Section 14. Transport Information

DOT Identification ...............................: UN1170; Ethanol Solutions; 3; II

Section 15. Regulatory Information

State Regulations .................................: New York Release reporting list: N/A
Sara Section 311 Reporting ...................:
Component | CAS# | Acute | Chronic | Fire | Pressure | Reactive | SARA302 | SARA313 | CERCLA | RCRA
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Ethyl Alcohol | 64-17-5 | No | No | No | No | No | No | Yes | Yes | No | No
Isopropyl Alcohol | 67-63-0 | No | No | No | No | No | No | No | Yes | No | No
Hematoxylin | 517-28-2 | No | No | No | No | No | No | No | No | No | No
Methyl Alcohol | 67-56-1 | No | No | No | No | No | No | Yes | Yes | No | No

Section 16. Other Information

Review Date .......................................: 12/1/2015
Reviewed by ......................................: ddi
MSDS Group ID ....................................: 70
Notice .............................................: This MSDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here. It is the user’s responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on reliable technical data, Poly Scientific R&D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.
## SAFETY DATA SHEET

### Section 1. Product and Company Identification

**Manufacturer:**
Poly Scientific R&D Corp
70 Cleveland Ave
Bay Shore, NY 11706
631-586-0400
www.polyrnd.com
polyrnd@polyrnd.com

**Item Number:**
s216bb-1

**Common Name:**
Weigerts Hematoxylin Solution B

**Intended Use:**
In Vitro Diagnostic use. Laboratory Use Only

**Emergency Contact:**
IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

### Section 2. Hazard Identification

- **290** Corrosive to Metals Cat 1
- **318** Serious eye damage/eye irritation Cat 1

**Danger:**
May be corrosive to metals. Causes severe skin burns and eye damage.
Wash hands/skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Immediately call a POISON CENTER or doctor/physician.

**Eye Contact:**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

**Absorb spillage to prevent material damage. Keep only in original container and tightly closed. Dispose of contents/container to an approved waste disposal plant.**

**Hazards not otherwise covered by GHS:**
None

### Section 3. Composition Information

**Exposure Limits**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>PEL(mg/m3)</th>
<th>STEL(mg/m3)</th>
<th>CEIL(mg/m3)</th>
<th>Concentration Range</th>
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<tbody>
<tr>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
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<tr>
<td>Ferric Chloride</td>
<td>10025-77-1</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section 4. First Aid Measures

**Eye Contact:**
Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.

**Skin Contact:**
Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention.

**Ingestion:**
Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention.

**Inhalation:**
Move person to fresh air. If necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention.

The most important known symptoms and effects are described in section 2 and/or section 11.

### Section 5. Fire Fighting Measures

**Extinguishing Media:**
Use Dry Chemical, Carbon Dioxide, Water Spray, Alcohol Foam

**Special Fire and Explosion Remarks:**
N/A

### Section 6. Accidental Release Measures

**Spill Cleanup and Disposal Special:**
Warning! Corrosive! Wear protective clothing and respiratory equipment. Pick up with absorbent material.

**Spill Cleanup:**
Take up spills with absorbent material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

### Section 7. Handling and Storage

**Storage and Handling Special:**
N/A

**Storage and handling:**
Keep container tightly closed. Store in a cool, dry area and protect from physical damage.

### Section 8. Exposure Controls/Personal Protection

**Personal Protective Equipment:**
Safety Glasses, Gloves, Vapor Respirator

This information is provided as a guide but proper PPE can only be determined by the end user and their situation.

**Engineering Controls:**
Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the work-station.

### Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>clear yellow</td>
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<td>Odor</td>
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<td>Odor Threshold</td>
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<tr>
<td>pH</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point (F) TCC</td>
<td>N/A</td>
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<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Upper Flammability Limit (%)</td>
<td>N/A</td>
</tr>
<tr>
<td>Lower Flammability Limit (%)</td>
<td>N/A</td>
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<tr>
<td>Specific Gravity (@20°C)</td>
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<td>Vapor Pressure (mm Hg)</td>
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<td>Vapor Density (Air=1)</td>
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<td>Relative Density</td>
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<td>Water Soluable?</td>
<td>Yes</td>
</tr>
<tr>
<td>Volatile Percent</td>
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<tr>
<td>Partition Coefficient</td>
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<tr>
<td>Auto Ignition Temp.</td>
<td>N/A</td>
</tr>
<tr>
<td>Decomposition Temp.</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Section 10. Stability and reactivity

Special Remarks on Stability: Stable

Special Remarks on Reactivity: N/A

Water Reactive: No

Section 11. Toxicological Information

Routes of Entry: Inhalation, Skin Absorption, Ingestion

Animal Toxicity: Hydrochloric Acid: Acute Oral (LD50): 900 mg/kg (Rat); Ferric Chloride: Acute Oral (LDLO) 900 mg/kg (Rat) I.V. (LDLO) 7 mg/kg (Rabbit)

Human Toxic Effects: Target Organs: Respiratory System, Eyes, Skin, GI Tract, Liver

Potential Acute Health Effects: Hazardous in case of inhalation, eye contact, skin contact, ingestion

Potential Chronic Health Effects: Hydrochloric Acid: IARC Code 3

Section 12. Ecological Information

Ecological Information: N/A

Section 13. Disposal Considerations

Waste Disposal: Dispose of in accordance with local, state and federal laws.

Section 14. Transport Information

DOT Identification: UN1789; Hydrochloric Acid; 8; II

Section 15. Regulatory Information

State Regulations: New York Release reporting list: Hydrochloric Acid, Ferric Chloride

Section 16. Other Information

Review Date: 12/1/2015
Reviewed by: ddi

MSDS Group Id: 72

Notice: This MSDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here. It is the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on reliable technical data, Poly Scientific R&D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.
Poly Scientific R&D Corp

SAFETY DATA SHEET

Section 1. Product and Company Identification

Manufacturer:
Poly Scientific R&D Corp
70 Cleveland Ave
Bay Shore, NY 11706
631‐586‐0400
www.polyrnd.com
polyrnd@polyrnd.com

Item Number: s265‐1

Common Name: Resorcin Fuchsin Working Solution

Intended Use: In Vitro Diagnostic use. Laboratory Use Only

IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800‐424‐9300

Section 2. Hazard Identification

290  Corrosive to Metals Cat 1
318  Serious eye damage/eye irritation Cat 1

Danger
May be corrosive to metals. Causes severe skin burns and eye damage.
Wash hands/skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Immediately call a POISON CENTER or doctor/physician.

IF IN EYES:
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Absorb spillage to prevent material damage. Keep only in original container and tightly closed. Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise covered by GHS: None

Section 3. Composition Information

Exposure Limits (A blank value indicates no information available)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>PEL (mg/m³)</th>
<th>STEL (mg/m³)</th>
<th>CEIL (mg/m³)</th>
<th>Concentration Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64‐17‐5</td>
<td>1,900.00</td>
<td></td>
<td></td>
<td>0‐5%</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67‐63‐0</td>
<td>1,225.00</td>
<td>980.00</td>
<td></td>
<td>0‐5%</td>
</tr>
<tr>
<td>Methyl Alcohol</td>
<td>67‐56‐1</td>
<td>325.00</td>
<td>260.00</td>
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<td>0‐5%</td>
</tr>
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<td>Basic Fuchsin</td>
<td>569‐61‐9</td>
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<td>0‐5%</td>
</tr>
<tr>
<td>Hydrochloric Acid</td>
<td>123‐31‐9</td>
<td>2.00</td>
<td></td>
<td></td>
<td>0‐5%</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

Eye Contact:
Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.

Skin Contact:
Remove contaminated clothing and shoes. Wash the affected area with large amounts of soap and water. Seek medical attention.

Ingestion:
Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention.

Inhalation:
Move person to fresh air. If necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention.

The most important known symptoms and effects are described in section 2 and/or section 11.

Section 5. Fire Fighting Measures

Extinguishing Media: Dry Chemical, Carbon Dioxide, or Foam

Special Fire and Explosion Remarks: N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special:
Eliminate all ignition sources. Neutralize with alkaline material (soda ash, lime). Pick up spill with absorbent materials.

Spill Cleanup:
Take up spills with absorbent material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

Section 7. Handling and Storage

Storage and Handling Special: N/A

Storage and handling:
Keep container tightly closed. Store in a cool, dry area and protect from physical damage.

Section 8. Exposure Controls/Personal Protection

Personal Protective Equipment:
Splash Goggles, Gloves, Synthetic Apron, Vapor Respirator

This information is provided as a guide but proper PPE can only be determined by the end user and their situation.

Engineering Controls:
Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the work‐station.

Section 9. Physical and Chemical Properties

Appearance: dark purple
Odor: N/A
Odor Threshold: N/A
pH: N/A
Melting Point: N/A
Boiling Point: N/A
Flash Point (F) TCC: N/A
Evaporation Rate: N/A
Upper Flammability Limit (%): N/A
Lower Flammability Limit (%): N/A
Specific Gravity (@20°C): 0.791
Vapor Pressure (mm Hg): 52
Vapor Density (Air=1): 1.6
Relative Density: N/A
Water Soluble?: Yes
Volatile Percent: 100
Partition Coefficient: n‐octanol/water: N/A
Auto Ignition Temp.: N/A
Decomposition Temp.: N/A
Viscosity: N/A
Section 10. Stability and reactivity

Special Remarks on Stability: Stable

Special Remarks on Reactivity: N/A

Water Reactive: No

Section 11. Toxicological Information

Routes of Entry: Skin Absorption, Ingestion

Animal Toxicity:
- Ic: Acute Oral (LD50): 7060 mg/kg (Rat); Acute Dermal (LD50): 500 mg/24 hr (Rabbit); Methyl Alc: Acute Oral (LD50): 5628 mg/kg (Rat); Acute Dermal (LLD50): 500 mg/24 hr (Rabbit); Isopropyl Alc: Acute Oral (LD50): 5045 mg/kg (Rat);
- Hydrochloric Acid: Acute Oral (LD50) 900 mg/kg (Rat); Intraperitoneal (LD50) 1449 mg/kg (Mouse); Basic Fuchsin: Acute Oral (LD50) 5 gm/kg (Mouse)

Human Toxic Effects:
- Target Organs: Respiratory system, skin, eyes, CNS, liver, blood and reproductive system

Potential Acute Health Effects: Hazardous in case of inhalation, eye contact, skin contact, ingestion

Potential Chronic Health Effects: Isopropyl Alcohol: IARC Code 3; Hydrochloric Acid: IARC Code 3

Section 12. Ecological Information

Ecological Information: N/A

Section 13. Disposal Considerations

Waste Disposal: Dispose of in accordance with local, state and federal laws.

Section 14. Transport Information

DOT Identification: UN1789; Hydrochloric acid; 8; II

Section 15. Regulatory Information

State Regulations: New York release reporting list: Hydrochloric Acid

Sara Section 311 Reporting:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>Acute</th>
<th>Chronic</th>
<th>Fire</th>
<th>Pressure</th>
<th>Reactive</th>
<th>SARA302</th>
<th>SARA313</th>
<th>CERCLA</th>
<th>RCRA</th>
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<tbody>
<tr>
<td>Ethyl Alcohol</td>
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<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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</tr>
<tr>
<td>Isopropyl Alcohol</td>
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<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td></td>
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</tr>
</tbody>
</table>

Section 16. Other Information

Review Date: 12/1/2015

Reviewed by: ddi

MSDS Group Id: 102

Notice: This MSDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here. It is the user’s responsibility to develop proper methods of handling and personal protection based on the actual conditions of use.

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SAFETY DATA SHEET

Section 1. Product and Company Identification

Manufacturer:
Poly Scientific R&D Corp
70 Cleveland Ave
Bay Shore, NY 11706
631-586-0400
www.polyrnd.com
polyrnd@polyrnd.com

Item Number: s289-1

Common Name: Van Gieson’s Solution

Intended Use: In Vitro Diagnostic use. Laboratory Use Only

IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Section 2. Hazard Identification

301  Acute toxicity, oral  Cat 3
311  Acute toxicity, dermal  Cat 3
317  Sensitisian, Skin  Cat 1
332  Acute toxicity, inhalation  Cat 4

Danger
Toxic if swallowed and in contact with skin.
May cause an allergic skin reaction.
Harmful if inhaled.
Avoid breathing dust/fume/gas/mist/spray. Wear protective gloves/clothing protection/eye protection/face protection. Use only in a well-ventilated area. Wash hands/skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. IF ON SKIN: Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Move person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Store locked up. Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise covered by GHS: None

Section 3. Composition Information

Exposure Limits (A blank value indicates no information available)

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>PEL(mg/m3)</th>
<th>STEL(mg/m3)</th>
<th>CEIL(mg/m3)</th>
<th>Concentration Range</th>
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<tbody>
<tr>
<td>Picric Acid</td>
<td>88-89-1</td>
<td>0.10</td>
<td>0-5%</td>
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</table>

Section 4. First Aid Measures

Eye Contact: Check for and remove contact lenses. Wash with large amounts of water for 15 minutes. Seek medical attention.

Skin Contact: Remove contaminated clothing and shoes. Wash the affected area with large with soap and water. Seek medical attention.

Ingestion: Give two glasses of water to a conscious victim. Do not induce vomiting. Seek medical attention.

Inhalation: Move person to fresh air. If necessary give CPR; warning this could pose a risk of exposure to the rescue breather. Seek medical attention.

The most important known symptoms and effects are described in section 2 and/or section 11.

Section 5. Fire Fighting Measures

Extinguishing Media: Use Water Spray

Special Fire and Explosion Remarks: N/A

Section 6. Accidental Release Measures

Spill Cleanup: Take up with absorbent vermiculite.

Spill Cleanup: Take up spills with absorbant material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

Section 7. Handling and Storage

Storage and Handling: Keep container tightly closed. Store in a cool, dry area and protect from physical damage.

Section 8. Exposure Controls/Personal Protection

Personal Protective Equipment: Safety Glasses, Gloves, Synthetic Apron

This information is provided as a guide but proper PPE can only be determined by the end user and their situation.

Engineering Controls: Provide local exhaust ventilation to keep the airborne concentrations of vapors below their respective threshold limit values. Ensure that eyewash stations and safety showers are local to the work-station.

Section 9. Physical and Chemical Properties

Appearance: red
Odor: N/A
Odor Threshold: N/A
pH: N/A
Melting Point: N/A
Boiling Point: N/A
Flash Point (F) TCC: N/A
Evaporation Rate: N/A
Upper Flammability Limit (%): N/A
Lower Flammability Limit (%): N/A
Specific Gravity (@20C): N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
Relative Density: N/A
Water Soluable?: Yes
Volatile Percent: N/A
Partition Coefficient: n-octanol/water: N/A
Auto Ignition Temp.: N/A
Decomposition Temp.: N/A
Viscosity: N/A

Section 10. Other Information

This sheet is not to be considered as a guarantee or warranty of any kind, and shall have no responsibility for any loss or claim arising from use of this product. Poly Scientific R&D Corp assumes no responsibility for any damage or loss caused by using this product in a manner not in accordance with this sheet.

Section 11. Other Information

This material is not regulated by the EEC or other governing bodies. Poly Scientific R&D Corp assumes no responsibility for any damage or loss caused by using this product in a manner not in accordance with this sheet.

Section 12. Disposal Considerations

Do not dispose of this material in the ordinary household waste system.

Section 13. Transportation Information

This material is not regulated by the EEC or other governing bodies.

Section 14. Regulatory Information

This material is not regulated by the EEC or other governing bodies.

Section 15. Additional Information

This material is not regulated by the EEC or other governing bodies.

Section 16. Other Information

This material is not regulated by the EEC or other governing bodies.

Section 17. Declaration of Content

This material is not regulated by the EEC or other governing bodies.

Section 18. Company Information

Poly Scientific R&D Corp
70 Cleveland Ave
Bay Shore, NY 11706
631-586-0400
www.polyrnd.com
polyrnd@polyrnd.com

Section 19. Additional Information

This material is not regulated by the EEC or other governing bodies.

Section 20. Appropriate Use

This material is not regulated by the EEC or other governing bodies.

Section 21. Contact Information

Poly Scientific R&D Corp
70 Cleveland Ave
Bay Shore, NY 11706
631-586-0400
www.polyrnd.com
polyrnd@polyrnd.com

Section 22. Additional Information

This material is not regulated by the EEC or other governing bodies.

Section 23. Approval Information

This material is not regulated by the EEC or other governing bodies.

Section 24. Additional Information

This material is not regulated by the EEC or other governing bodies.

Section 25. Additional Information

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Section 26. Additional Information

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Section 27. Additional Information

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Section 28. Additional Information

This material is not regulated by the EEC or other governing bodies.
SAFETY DATA SHEET

Section 10. Stability and reactivity

Special Remarks on Stability: Stable

Special Remarks on Reactivity: N/A

Water Reactive: No

Section 11. Toxicological Information

Routes of Entry: Inhalation, Skin Absorption, Ingestion

Animal Toxicity: Picric Acid: Acute Oral (LDLo) 120 mg/kg (Rabbit) Subcutaneous (LDLo) 60 mg/kg (Dog)

Human Toxic Effects: Target Organs: skin, respiratory, GI tract, lungs, blood

Potential Acute Health Effects: Hazardous in case of inhalation, eye contact, skin contact, ingestion

Potential Chronic Health Effects: Prolonged or repeated skin contact may cause dermatitis. Mutagenic.

Section 12. Ecological Information

Ecological Information: N/A

Section 13. Disposal Considerations

Waste Disposal: Dispose of in accordance with local, state and federal laws.

Section 14. Transport Information

DOT Identification: Non Hazardous

Section 15. Regulatory Information

State Regulations: New York release reporting list: N/A

Sara Section 311 Reporting

Component | CAS# | Acute | Chronic | Fire | Pressure | Reactive | SARA302 | SARA313 | CERCLA | RCRA
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Picric Acid | 88-89-1 | No | No | No | No | No | Yes | No | No

Section 16. Other Information

Review Date: 12/1/2015

Reviewed by: ddi

MSDS Group Id: 97

Notice: This MSDS applies only to the material as packaged. If the material is altered by any means it may pose risks not mentioned here. It is the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use.

While this MSDS is based on reliable technical data, Poly Scientific R&D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.