Exposure Limits (A blank value indicates no information available)

Flash Point (F) TCC

Boiling Point

Melting Point

pH

Odor Threshold

Odor

Appearance

Engineering Controls

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

Personal Protective Equipment

Storage and Handling

Special

Spill Cleanup

Spill Cleanup and Disposal Special

Special Fire and Explosion Remarks

Extinguishing Media

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

Inhalation

Ingestion

Skin Contact

Eye Contact

Ferric Chloride

Component | CAS# | PEL (mg/m³) | STEL (mg/m³) | CEIL (mg/m³) | Concentration Range

Hazards not otherwise covered by GHS: None

contents/container to an approved waste disposal plant.

POISON CENTER or doctor/physician. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Store locked up and in a closed container. Dispose with plenty of soap and water. Wash contaminated clothing before use. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a 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. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash clothing/eye protection/face protection. Keep in original container. Absorb spillage to prevent material damage. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection/face protection.

May be corrosive to metals. Harmful if swallowed. Causes skin irritation and serious eye damage.

Danger

318 | Serious eye damage/eye irritation Cat 1
315 | Skin corrosion/irritation Cat 2
302 | Acute toxicity, oral Cat 4
290 | Corrosive to Metals Cat 1

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

Intended Use

Common Name

Item Number

Poly Scientific R&D Corp

www.polyrnd.com

polyrnd@polyrnd.com

631‐586‐0400

Bay Shore, NY 11706

70 Cleveland Ave

Poly Scientific R&D Corp

safety showers are local to the work‐station.

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.

Take up spills with absorbent material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.
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:
I.V (LDLO) 7mg/kg (Rabbit) Intraperitoneal (LD50) 260 mg/kg (Mouse)

Human Toxic Effects:
Target Organs: Eyes, Nerves
Potential Acute Health Effects:
Hazardous in case of inhalation, eye contact, skin contact, ingestion

Potential Chronic Health Effects:
N/A

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: Ferric Chloride

Sara Section 311 Reporting
Component          | CAS#           | Acute | Chronic | Fire | Pressure | Reactive | SARA302 | SARA313 | CERCLA | RCRA
---               | ---            | ---   | ---     | ---  | ---      | ---      | ---     | ---     | ---     | ---
Ferric Chloride  | 10025-77-1     | No    | No      | No   | No       | No       | No      | No      | No      | No

Section 16. Other Information

Review Date:
12/1/2015

Reviewed by:
ddi

MSDS Group Id:
53

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: s2009‐1
Common Name: Acetic Acid 12% Aqueous

Section 2. Hazard Identification

315 Skin corrosion/irritation Cat 2
320 Serious eye damage/eye irritation Cat 2B
335 Specific target organ toxicity, single exposure; Respiratory tract irritation Cat 3

Warning:
Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
Wash hands/skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only in well‐ventilated area. In case of inadequate ventilation wear respiratory ventilation.

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

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.

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. 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>Acetic Acid, Glacial</td>
<td>64‐19‐7</td>
<td>15.00</td>
<td>10.00</td>
<td>10‐25%</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:
Dry Chemical Powder, Alcohol Foam, Water Spray or Fog

Special Fire and Explosion Remarks:
N/A

Section 6. Accidental Release Measures

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:
Gloves, Splash Googles, Vapor Respirator, 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:
Clear, Colorless Liquid

Odor:
Pungent, Vinegar‐like, sour
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):
1.05

Vapor Pressure (mm Hg):
11

Vapor Density (Air=1):
2.1

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
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:
Acute Oral (LD50): 3310 mg/kg (Rat); Acute Dermal (LD50): 1060 mg/kg (Rabbit); Acute Vapor (LC50): 5620 1hr (mouse)

Human Toxic Effects:
Target Organs: Lungs, mucous membranes, upper respiratory tract, skin, eyes, teeth

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

Potential Chronic Health Effects:
Mutagenic for yeast and bacteria. Repeated exposure can produce target organ damage.

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:
UN2790; Acetic Acid Solution; 8; III

Section 15. Regulatory Information

State Regulations:
New York release reporting list: Acetic Acid

Sara Section 311 Reporting

Component | CAS# | Acute | Chronic | Fire | Pressure | Reactive | SARA302 | SARA313 | CERCLA | RCRA
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Acetic Acid, Glacial | 64-19-7 | No | No | No | No | No | No | No | Yes | No

Section 16. Other Information

Review Date:
12/8/2015

Reviewed by:
ddi

MSDS Group Id:
365

Notice:
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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: s262d-1

Common Name: Potassium Ferrocyanide 5% Aqueous

Intended Use: In Vitro Diagnostic use. Laboratory Use Only

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

Section 2. Hazard Identification

Harmful If Swallowed or Inhaled

Avoid breathing dust or vapor. May be irritating to eyes, skin, and respiratory system. Wear safety goggles and rubber gloves to avoid contact. Wash thoroughly after handling. Keep container tightly closed.

EFFECTS OF EXPOSURE: Ingestion may cause nausea and abdominal pain. Mild irritant to skin and eyes.

TARGET ORGANS: None.

FIRST AID: Call a physician at once!

For Fire: Use extinguishing media appropriate for surrounding fire.

For Spill: Eliminate ignition sources. Pick up with absorbent material and containerize for proper disposal.

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>Potassium Ferrocyanide</td>
<td>14459-95-1</td>
<td>0-5%</td>
<td></td>
<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 extinguishing media appropriate to surrounding fire

Special Fire and Explosion Remarks:

N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special:

Pick up spill with absorbent vermiculite

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, 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:

clear, colorless

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. 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, Ingestion, Skin Absorption

Animal Toxicity:
No LC50/LD50 data available

Human Toxic Effects:
Target Organs: Skin
Potential Acute Health Effects:
Hazardous in case of inhalation, eye contact, skin contact, ingestion

Potential Chronic Health Effects:
N/A

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

Section 16. Other Information

Review Date:
12/8/2015

Reviewed by:
ddi

MSDS Group Id:
151

Notice:
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Hydrochloric Acid 5% Aqueous

### Section 1. Product and Company Identification

**Product Name:** Hydrochloric Acid 5% Aqueous

**Common Name:** Hydrochloric Acid

**Item Number:** 0-5%

**CAS#:** 7647-01-0

**PEL(mg/m³):** 5.00

### Section 2. Hazards Identification

- **Flash Point (F) TCC:**
- **Boiling Point:**
- **Melting Point:**
- **Odor Threshhold:**
- **Odor Appearance:**

**Engineering Controls:**

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

**Personal Protective Equipment:**

**Storage and Handling:**

**Special Storage and Handling:**

**Spill Cleanup:**

Caution! Corrosive! Neutralize alkaline material (soda ash) Take up spills with absorbent material and containerize for proper disposal. Use proper PPE as per section 8. Provide ventilation.

**Spill Cleanup and Disposal Special:**

**Special Fire and Explosion Remarks:**

**Extinguishing Media:**

Water Spray, Dry Chemical, Carbon Dioxide or Alcohol Foam

### Section 3. Composition Information

**Component**

**CAS#**

**PEL(mg/m³)**

**STEL(mg/m³)**

**CEIL(mg/m³)**

**Concentration Range**

Hydrochloric Acid

### Section 4. First Aid Measures

**Inhalation:**

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

**Ingestion:**

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

**Skin Contact:**

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

**Eye Contact:**

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

### Section 5. Fire Fighting Measures

Water Spray, Dry Chemical, Carbon Dioxide or Alcohol Foam

### Section 6. Accidental Release Measures

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

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

### Section 8. Exposure Controls/Personal Protection

Spills may be neutralized with a strong base or lime. Ventilate spills to prevent material damage. Keep tightly closed and only in original container. Store locked up. Dispose of contents/container to an approved waste disposal plant.

### Section 9. Physical and Chemical Properties

- **Relative Density:**
- **Vapor Density (Air=1):**
- **Vapor Pressure (mm Hg):**
- **Vapor Pressure:**
- **Vapor Pressure:**
- **Specific Gravity (@20C):**
- **Lower Flammability Limit (%):**
- **Upper Flammability Limit (%):**
- **Evaporation Rate:**
- **Partition Coefficient:**
- **Volatile Percent:**
- **Water Soluable?**
- **n-octanol/water:**

### Section 10.稳定性和反应性

Hydrochloric Acid 5% Aqueous

**Manufacturer:** Poly Scientific R&D Corp

**Address:** 70 Cleveland Ave, Bay Shore, NY 11706

**Phone:** 631-586-0400

**Fax:**

**Email:** polyrnd@polyrnd.com

**Website:** www.polyrnd.com

This information is provided as a guide but proper PPE can only be determined by the end user and their situation.
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:
- Hydrochloric Acid: Acute Oral (LD₅₀): 900 mg/kg (Rat); Sodium Acetate: N/A

Human Toxic Effects:
- Target Organs: Eyes, skin, respiratory system
- Potential Acute Health Effects: Hazardous in case of eye, skin contact, inhalation, 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

Component | CAS# | Acute | Chronic | Fire | Pressure | Reactive | SARA302 | SARA313 | CERCLA | RCRA
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Hydrochloric Acid | 7647-01-0 | No | No | No | No | No | Yes | Yes | Yes | No

Section 16. Other Information

Review Date: 12/8/2015
Reviewed by: ddi
MSDS Group Id: 7

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: 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 Sensitisation, 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.

If skin irritation or rash occurs: Wash contaminated clothing before reuse.

Call a POISON CENTER or doctor/physician if you feel unwell.

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.

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>
</tr>
</thead>
<tbody>
<tr>
<td>Picric Acid</td>
<td>88-89-1</td>
<td>0.10</td>
<td>0-5%</td>
<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 soap and large amounts of 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 and Disposal (Special):
Take up with absorbent vermiculite.

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, 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 (@20°C): 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
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 | 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.