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: s272-1

Common Name: Schiff Reagent

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
315 Skin corrosion/irritation Cat 2
318 Serious eye damage/eye irritation Cat 1
350 Carcinogenicity Cat 1A, 1B

Danger: May be corrosive to metals. Causes skin irritation. Causes serious eye damage. May cause cancer.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands/skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection. Keep only in original container. Absorb spillage to prevent material damage.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash 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. 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.

Store in a closed container. 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)

Component | CAS# | PEL (mg/m3) | STEL (mg/m3) | CEIL (mg/m3) | Concentration Range
--- | --- | --- | --- | --- | ---
Hydrochloric Acid | 7647-01-0 | 5.00 | 5.00 | 0-5% |
Basic Fuchsin | 569-61-9 | 0-5% |

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 and keep at rest in a position comfortable for breathing. 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:
Wear protective clothing and respiratory equipment. Neutralize with soda ash or lime and pick up with absorbent material.

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 Special:
Refrigerate

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

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, Skin Absorption, Ingestion

Animal Toxicity:
- Hydrochloric Acid: Acute Oral (LD₅₀) 900 mg/kg (Rat), Intraperitoneal (LD₅₀) 1449 mg/kg (Mouse); Basic Fuchsin: Acute Oral (LD₅₀) 5 gm/kg (Mouse); Sodium Sulfite: Acute I.V (LD₅₀) 115 mg/kg (Rat), Intraperitoneal (LD₅₀) 959 mg/kg (Mouse)

Human Toxic Effects:
- Target Organs: Eyes, Skin, Respiratory System
- Potential Acute Health Effects: Hazardous in case of inhalation, eye contact, skin contact, ingestion
- Potential Chronic Health Effects: Hydrochloric Acid: IARC Code 3; Basic Fuchsin IARC Group 2B

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

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
Basic Fuchsin | 569-61-9 | No | No | No | No | No | No | No | No | No

Section 16. Other Information

Review Date: 12/1/2015
Reviewed by: ddi
MSDS Group Id: 107

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:
s1860-1
Common Name:
Periodic Acid 0.5% Aqueous

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)

Component | CAS# | PEL (mg/m3) | STEL (mg/m3) | CEIL (mg/m3) | Concentration Range
--- | --- | --- | --- | --- | ---
No OSHA hazardous | | | | | 0-5%
Components | 50-100%

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:
N/A

Special Fire and Explosion Remarks:
NA

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special:
N/A

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:
N/A

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:
NA

Evaporation Rate:
N/A

Upper Flammability Limit (%):
NA

Lower Flammability Limit (%):
NA

Specific Gravity (@20°C):
N/A

Vapor Pressure (mm Hg):
N/A

Vapor Density (Air=1):
N/A

Relative Density:
N/A

Water Soluble?:
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: N/A

Special Remarks on Reactivity: N/A

Water Reactive: No

Section 11. Toxicological Information

Routes of Entry: N/A

Animal Toxicity: N/A

Human Toxic Effects: N/A

Potential Acute Health Effects: N/A

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

Sara Section 311 Reporting

Component CAS# Acute Chronic Fire Pressure Reactive SARA302 SARA313 CERCLA RCRA

No OSHA hazardous

Components

No

Section 16. Other Information

Review Date: 12/4/2015

Reviewed by: ddi

MSDS Group Id: 2

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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:
s103b-1

Common Name:
Acid Alcohol 0.5%

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
370  Specific target organ toxicity, single exposure Cat 1

Danger
Highly flammable liquid and vapour.
Harmful if swallowed. Causes damage to CNS, Kidneys and Liver.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use explosion-proof electrical/ ventilating/ lighting/ equipment.
Use only non-sparking tools. Take precautionary measures against static discharge.
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
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.

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. Rinse skin with water/ shower.
If exposed:
Call a POISON CENTER or doctor/ physician.

In case of fire:
Use dry sand, dry chemical or alcohol-resistant foam for extinction. Store in a well-ventilated place tightly closed. Keep cool and 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>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>1,900.00</td>
<td></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></td>
<td>0-5%</td>
</tr>
<tr>
<td>Methyl Alcohol</td>
<td>67-56-1</td>
<td>325.00</td>
<td>260.00</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 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, Carbon Dioxide

Special Fire and Explosion Remarks:
N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special:
Warning!! Flammable!! Eliminate ignition sources. Take up spills 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:
Refrigerate

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.
SAFETY DATA SHEET

Section 9. Physical and Chemical Properties

Appearance: Clear colorless
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): 0.7915
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. Toxological 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 (LLD50): 500 mg (Rabbit); Isopropyl Alc: Acute Oral (LD50): 5045 mg/kg (Rat); Acute Dermal (LD50): 500 mg (Rabbit);

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

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

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Methyl Alcohol</td>
<td>67-56-1</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Section 16. Other Information

Review Date: 12/1/2015
Reviewed by: ddi
MSDS Group Id: 4

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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Methyl Alcohol

Harmful if swallowed. Causes severe skin burns and eye damage.

Danger

314 Skin corrosion/irritation Cat 1A, B, C

302 Acute toxicity, oral Cat 4

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

Intended Use
Common Name
Item Number
s212‐1

Harris Hematoxylin

Poly Scientific R&D Corp

70 Cleveland Ave

Bay Shore, NY 11706

631‐586‐0400

polyrnd@polyrnd.com

www.polyrnd.com

Section 1. Product and Company Identification

Section 2. Hazard Identification

Section 3. Composition Information

Section 4. First Aid Measures

Section 5. Fire Fighting Measures

Section 6. Accidental Release Measures

Section 7. Handling and Storage

Section 8. Exposure Controls/Personal Protection

Section 9. Physical and Chemical Properties
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:
- 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)
- Aluminum Potassium Sulfate: N/A

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: 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
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Ethyl Alcohol | 64-17-5 | No | No | No | No | No | No | Yes | Yes | No
Isopropyl Alcohol | 67-63-0 | No | No | No | No | No | No | Yes | No | No
Hematoxylin | 517-28-2 | No | No | No | No | No | No | No | No | No
Methyl Alcohol | 67-56-1 | No | No | No | No | No | No | Yes | Yes | No

Section 16. Other Information

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

MSDS Group Id: 69

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:
s127-1

Common Name:
Bluing Solution 1% Lithium Carbonate

Intended Use:
In Vitro Diagnostic use. Laboratory Use Only

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

Section 2. Hazard Identification

302  Acute toxicity, oral Cat 4
319  Serious eye damage/eye irritation Cat 2A

Warning:
Harmful if swallowed. Causes serious eye irritation. 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.

IF SWALLOWED:
Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. 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.

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>Lithium Carbonate</td>
<td>554-13-2</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:
Dry Chemical, Carbon Dioxide, Water Spray or Alcohol Foam

Special Fire and Explosion Remarks:
N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal:
Take up spills 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:
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 Goggles, Gloves

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:
Ingestion, Skin absorption

Animal Toxicity:
Acute Oral (LD50); 525 mg/kg (Rat). No exposure limits established by OSHA, ACGIH or NIOSH.

Human Toxic Effects:
Target Organs: Central Nervous System

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

Potential Chronic Health Effects:
Mutagenic, Tumorigenic. 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:
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 |
--- | --- | --- | --- | --- | --- | --- |
Lithium Carbonate | 554-13-2 | No | No | No | No | No |

Section 16. Other Information

Review Date:
12/1/2015

Reviewed by:
ddi

MSDS Group Id:
24

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.