

Section 1. Product and Company Identification

Item Number.: s100-1
 Common Name.: Acetic Acid 1% Aqueous
 Intended Use : In Vitro Diagnostic use. Laboratory Use Only
 IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Manufacturer.: Poly Scientific R&D Corp.

70 Cleveland Ave
 Bay Shore NY 11706

polyrnd@polyrnd.com

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) The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Component	CAS#	PEL(mg/m3)	STEL(mg/m3)	CEIL(mg/m3)	Concentration Range
Acetic Acid, Glacial	64-19-7	15.00	10.00		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. 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 and Disposal Special ...: Caution! Corrosive, neutralize with Sodium Bicarbonate or similar
 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...: 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 ...: Gloves, Splash Goggles, 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.....: Colorless Liquid	Evaporation Rate.....: N/A	Water Soluable?.....: Yes
Odor.....: Pungent, Vinegar-like,sou	Upper Flammability Limit (%): N/A	Volatile Percent.....: 100
Odor Threshold.....: N/A	Lower Flammability Limit (%): N/A	Partition Coefficient.....: n-octanol/water: N/A
pH.....: N/A	Specific Gravity (@20C).....: 1.05	Auto Ignition Temp.....: N/A
Melting Point.....: N/A	Vapor Pressure (mm Hg).....: 11	Decomposition Temp.....: N/A
Boiling Point.....: N/A	Vapor Density (Air=1).....: 2.1	Viscosity.....: N/A
Flash Point (F) TCC.....: N/A	Relative Density.....: 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 absorbtion, 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 .: Non Hazardous

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	Yes	No	

Section 16. Other Information

Review Date : 3/14/2023

Reviewed by : Admin

MSDS Group Id.: 1

Notice: This SDS 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 SDS is based on reliable technical data, Poly Scientific R&D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.

Section 1. Product and Company Identification

Item Number.: s195-1
 Common Name.: Giemsa Stain Stock Solution
 Intended Use : In Vitro Diagnostic use. Laboratory Use Only
 IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Manufacturer.: Poly Scientific R&D Corp.

70 Cleveland Ave
 Bay Shore NY 11706

polyrnd@polyrnd.com

Section 2. Hazard Identification

225 Flammable Liquids Cat 2
 301 Acute toxicity, oral Cat 3
 311 Acute toxicity, oral Cat 3
 331 Acute toxicity, inhalation Cat 3
 370 Specific target organ toxicity, single exposure Cat 1



Danger
 Highly flammable liquid and vapour. Toxic if swallowed, inhaled and in contact with skin.
 Causes damage to organs.

Keep away from heat/sparks/open flames/hot surfaces.-No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparkign tools. Take precautionary measures against static discharge.
 Wear protective gloves/protective clothing/eye protection/face protection. In case of fire: Use dry sand, dry chemical or alcohol- resistant foam to extinguish. sparks/open flames/hot surfaces.-No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands/skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapours/spray. Use in a well-ventilated area. If exposed: 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 ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash skin with soap/water/shower. Wash contaminated clothing before reuse. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Store in a well-ventilated place. Keep cool. Store locked up 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) The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Component	CAS#	PEL(mg/m3)	STEL(mg/m3)	CEIL(mg/m3)	Concentration Range
Methanol	67-56-1	325.00	260.00		25-50%

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.: Water Spray, Dry Chemical, Carbon Dioxide
 Special Fire and Explosion Remarks ..: N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special ..: Warning! Flammable! Eliminate all ignition sources. Use water to suppress vapors and dilute. Take 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...: 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
 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 blue liquid	Evaporation Rate.....: N/A	Water Soluable? ..: Yes
Odor.....: Pleasant	Upper Flammability Limit (%): N/A	Volatile Percent ..: 100
Odor Threshold ..: N/A	Lower Flammability Limit (%): N/A	Partition Coefficient ..: n-octanol/water: N/A
pH ..: N/A	Specific Gravity (@20C) ..: 0.7925	Auto Ignition Temp.: N/A
Melting Point.....: N/A	Vapor Pressure (mm Hg) ..: N96	Decomposition Temp ..: N/A
Boiling Point.....: N/A	Vapor Density (Air=1) ..: 1.11	Viscosity ..: N/A
Flash Point (F) TCC.....: N/A	Relative Density ..: 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.: Methanol: Acute Oral (LD50) 6.2-13 mg/kg (Rat); Glycerin: Acute Oral (LD50) 4090 mg/kg (Rat) Intravenous (LD50) 53 gm/kg (Rabbit)

Human Toxic Effects.: Target Organs: Kidneys, heart, central nervous system, liver, eyes

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.: UN1993, FLAMMABLE LIQUIDS N.O.S.(METHANOL),3,II

Section 15. Regulatory Information

State Regulations.: New York Release reporting list: Methanol

Sara Section 311 Reporting

Component	CAS#	Acute	Chronic	Fire	Pressure	Reactive	SARA302	SARA313	CERCLA	RCRA
Methanol	67-56-1	No	No	No	No	No	Yes	Yes	No	

Section 16. Other Information

Review Date : 3/14/2023

Reviewed by : Admin

MSDS Group Id.: 60

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Section 1. Product and Company Identification

Item Number.: s225-1
 Common Name.: Jenner Stain Working Solution
 Intended Use : In Vitro Diagnostic use. Laboratory Use Only
 IN CASE OF EMERGENCY, CONTACT: CHEMTREC (24HR) 800-424-9300

Manufacturer.: Poly Scientific R&D Corp.

70 Cleveland Ave
 Bay Shore NY 11706

polyrnd@polyrnd.com

Section 2. Hazard Identification

225 Flammable Liquids Cat 2
 301 Acute toxicity, oral Cat 3
 311 Acute toxicity, oral Cat 3
 331 Acute toxicity, inhalation Cat 3
 370 Specific target organ toxicity, single exposure Cat 1



Danger
 Highly flammable liquid and vapour. Toxic if swallowed, inhaled and in contact with skin.
 Causes damage to organs.

Keep away from heat/sparks/open flames/hot surfaces.-No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparkign tools. Take precautionary measures against static discharge.
 Wear protective gloves/protective clothing/eye protection/face protection. In case of fire: Use dry sand, dry chemical or alcohol- resistant foam to extinguish. sparks/open flames/hot surfaces.-No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands/skin thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapours/spray. Use in a well-ventilated area. If exposed: 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 ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash skin with soap/water/shower. Wash contaminated clothing before reuse. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Store in a well-ventilated place. Keep cool. Store locked up 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) The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Component	CAS#	PEL(mg/m3)	STEL(mg/m3)	CEIL(mg/m3)	Concentration Range
Methanol	67-56-1	325.00	260.00		25-50%

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.: Water Spray, Dry Chemical, Carbon Dioxide
 Special Fire and Explosion Remarks ..: N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special ..: Warning! Flammable! Eliminate all ignition sources. Use water to suppress vapors and dilute. Take 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...: 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
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 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.....: Colorless liquid	Evaporation Rate.....: N/A	Water Soluable? ..: Yes
Odor.....: Pleasant	Upper Flammability Limit (%): N/A	Volatile Percent ..: 100
Odor Threshold ..: N/A	Lower Flammability Limit (%): N/A	Partition Coefficient ..: n-octanol/water: N/A
pH ..: N/A	Specific Gravity (@20C) ..: 0.7925	Auto Ignition Temp.: N/A
Melting Point.....: N/A	Vapor Pressure (mm Hg) ..: N96	Decomposition Temp ..: N/A
Boiling Point.....: N/A	Vapor Density (Air=1) ..: 1.11	Viscosity ..: N/A
Flash Point (F) TCC.....: N/A	Relative Density ..: 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.: Methanol: Acute Oral (LD50) 6.2-13 mg/kg (Rat); Glycerin: Acute Oral (LD50) 4090 mg/kg (Rat) Intravenous (LD50) 53 gm/kg (Rabbit)

Human Toxic Effects.: Target Organs: Kidneys, heart, central nervous system, liver, eyes

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.: UN1993, Flammable liquids, N.O.S. (Methanol), 3, III

Section 15. Regulatory Information

State Regulations.: New York Release reporting list: Methanol

Sara Section 311 Reporting

Component	CAS#	Acute	Chronic	Fire	Pressure	Reactive	SARA302	SARA313	CERCLA	RCRA
Methanol	67-56-1	No	No	No	No	No	Yes	Yes	No	

Section 16. Other Information

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