

**Section 1. Product and Company Identification**

Item Number: s2651-1  
 Common Name: QW 1  
 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  
 631-586-0400  
 polyrnd@polyrnd.com  
 www.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)

Component	CAS#	PEL(mg/m3)	STEL(mg/m3)	CEIL(mg/m3)	Concentration Range
Methanol	67-56-1	325.00	260.00		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 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, Foam, or 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 supress 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, 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 yellow	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) .....	96	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), Acute Dermal (LD50) 20 ml/kg (Rabbit), Acute Inhalation (LC50) 64000 PPM

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 : Repeated or prolonged exposure to the substance can produce target organs 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 : 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	No	Yes	Yes	No

## Section 16. Other Information

Review Date: 12/17/2015

Reviewed by: ddi

MSDS Group Id: 74

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&amp;D Corp. assumes no responsibility for the completeness or accuracy of the information contained herein.

**Section 1. Product and Company Identification**

Item Number: s2652-1  
 Common Name: QW 2  
 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  
 631-586-0400  
 polyrnd@polyrnd.com  
 www.polyrnd.com

**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 Components					0-5% 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 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: 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 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: 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 .....	dear red	Evaporation Rate .....	N/A	Water Soluable? .....	Yes
Odor .....	N/A	Upper Flammability Limit (%)..	NA	Volatile Percent .....	N/A
Odor Threshold .....	N/A	Lower Flammability Limit (%)..	NA	Partition Coefficient.....	n-octanol/water: N/A
pH.....	N/A	Specific Gravity (@ 20C).....	N/A	Auto Ignition Temp.....	N/A
Melting Point.....	N/A	Vapor Pressure (mm Hg).....	N/A	Decomposition Temp.....	N/A
Boiling Point.....	N/A	Vapor Density (Air=1).....	N/A	Viscosity .....	N/A
Flash Point (F) TCC .....	NA	Relative Density.....	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	SARA 302	SARA 313	CERCLA	RCRA
No OSHA hazardous		No	No	No	No	No	No	No	No	No
Components		No	No	No	No	No	No	No	No	No

## Section 16. Other Information

Review Date: 12/8/2015

Reviewed by: ddi

MSDS Group Id: 2

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.

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## Section 1. Product and Company Identification

Item Number: s2653-1  
 Common Name: QW 3  
 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  
 631-586-0400  
 polyrnd@polyrnd.com  
 www.polyrnd.com

## 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 Components					0-5% 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 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: 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 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: 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 blue	Evaporation Rate .....	N/A	Water Soluable? .....	Yes
Odor .....	N/A	Upper Flammability Limit (%)..	NA	Volatile Percent .....	N/A
Odor Threshold .....	N/A	Lower Flammability Limit (%)..	NA	Partition Coefficient.....	n-octanol/water: N/A
pH.....	N/A	Specific Gravity (@ 20C).....	N/A	Auto Ignition Temp.....	N/A
Melting Point.....	N/A	Vapor Pressure (mm Hg).....	N/A	Decomposition Temp.....	N/A
Boiling Point.....	N/A	Vapor Density (Air=1).....	N/A	Viscosity .....	N/A
Flash Point (F) TCC .....	NA	Relative Density.....	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	SARA 302	SARA 313	CERCLA	RCRA
No OSHA hazardous		No	No	No	No	No	No	No	No	No
Components		No	No	No	No	No	No	No	No	No

**Section 16. Other Information**

Review Date: 12/8/2015

Reviewed by: ddi

MSDS Group Id: 2

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.

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