

Section 1. Product and Company Identification

Item Number.: s2644-1
 Common Name.: Xylene Substitute
 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

226 Flammable Liquids Cat 3
 304 Aspiration hazard Cat 1
 336 Specific target organ toxicity, single exposure; Narcotic effects Cat 3
 360 Reproductive toxicity Cat 1A, 1B



Danger

Flammable liquid and vapour. May be fatal if swallowed and enters the airways. May cause drowsiness or dizziness. May damage fertility or the unborn child. Obtain special instructions before use. Do not handle until all precautions have been and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only in a well-ventilated area. Wear protective gloves/protective clothing/Rinse with water/shower. In case of inadequate ventilation wear respiratory ventilation. IF ON SKIN (or hair) Remove/Take Off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use appropriate media for extinction. 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 SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. In case of fire: Use appropriate media to extinguish. Store in well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.

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
Propylene Glycol Methyl E	107-98-2	2,900.00	525.00		<5%
ShellSol D38	64742-88-7	540.00	360.00		>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.: Foam, water spray or fog, dry chemical powder, carbon dioxide or sand.
 Special Fire and Explosion Remarks.: N/A

Section 6. Accidental Release Measures

Spill Cleanup and Disposal Special.: Apron, nitrile rubber gloves, splash goggles
 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.: Store in a well ventilated area, away from sunlight, ignition sources and other sources of heat.
 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.: Apron, Splash Goggles, Nitrile 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.....: Colorless liquid	Evaporation Rate.....: N/A	Water Soluable?: Yes
Odor.....: Hydrocarbon	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): 0.77	Auto Ignition Temp.: N/A
Melting Point.....: N/A	Vapor Pressure (mm Hg).....: 0.38	Decomposition Temp.....: N/A
Boiling Point.....: N/A	Vapor Density (Air=1): 4.8	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.: Shell Sol D38 LD50>2000 mg/kg (Rat); Propylene Glycol Methyl Ether LD 50 5200 mg/kg oral (Rat), LD50 6600 mg/kg (Rat), LD50 Oral 11700 mg/kg (mouse), LC50 Inhalation 24mg/L (Rat), LC50 1h 54.6 mg?L (Rat).

Human Toxic Effects.: Vapours may cause drowsiness and dizziness. May cause lung damage if swallowed.

Potential Acute Health Effects...: Hazardous in case of Inhalation, Skin Absorption, 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.: UN1268, PETROLEUM DISTILLATES N.O.S.(NAPHTHA),3,III

Section 15. Regulatory Information

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

Component	CAS#	Sara Section 311 Reporting									
		Acute	Chronic	Fire	Pressure	Reactive	SARA302	SARA313	CERCLA	RCRA	
Propylene Glycol Methyl E	107-98-2	No	Yes	Yes	No	No	No	No	No	Yes	
ShellSol D38	64742-88-7	No	No	No	No	No	No	No	No	No	

Section 16. Other Information

Review Date : 3/15/2023

Reviewed by : Admin

MSDS Group Id.: 134

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.