

**Section 1. Product and Company Identification**

Item Number.: s2552-1  
 Common Name.: Highmans Congo Red  
 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  
 302 Acute toxicity, oral Cat 4  
 319 Serious eye damage/eye irritation Cat 2A  
 350 Carcinogenicity Cat 1A, 1B  
 361 Reproductive toxicity Cat 2  
 370 Specific target organ toxicity, single exposure Cat 1



Danger

Highly flammable liquid and vapour. Harmful if swallowed. Causes serious eye damage. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to eyes, blood and CNS.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. -No smoking. 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. Keep container tightly closed, locked up in well ventilated-area and cool. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If eye irritation occurs: consult 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 exposed: Call a POISON CENTER or doctor/physician. . 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
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.: UN1170, Ethanol Solutions, 3, III

**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
Propylene Glycol Methyl E	107-98-2	No	Yes	Yes	No	No	No	No	Yes	
ShellSol D38	64742-88-7	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.