



Van London Co.

"When Accuracy Matters"

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	Polarographic solution
Product Number	R001068
Product Use	Filling Solution for Dissolved Oxygen Electrode
Manufacturer	Van London Company
Address	6103 Glenmont Drive, Houston, Texas 77081
Telephone	713-772-6641
Emergency Phone	713-772-6641

2. Hazards Identification

Emergency Overview

OSHA Hazards

Not a hazardous substance or mixture

HMIS Classification

Health Hazard: 0

Chronic Health Hazard:

Physical Hazards: 0

NFPA Rating

Health Hazard: 0

Fire: 1

Reactivity Hazard: 0

Potential Health Effects

Inhalation: No effects anticipated

Skin: No effects anticipated

Eyes: No effects anticipated

Ingestion: No effects anticipated

3. Composition/Information on Ingredients

Component	CAS Number	Weight %
Potassium chloride	7447-40-7	7.5
Glycerol	56-81-5	50
Deionized water	7732-18-5	42.5

4. First Aid Measures

Eye	Flush eyes with plenty of water. Consult a physician.
Skin	Wash off with soap and plenty of water.
Inhalation	Move person into fresh air. If not breathing, give artificial respiration.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water.

pH	5.5 - 8.0
Freezing Point	-45°C
Boiling Point	180°C
Flash Point	No data available
Evaporation rate	No data available
Flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure	No data available
Solubility	Soluble in water
Vapor density	No data available
Relative density	1.120 g/cm ³ at 20°C (68°F)
Partition coefficient:	
n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Density	No data available
Viscosity	No data available
Molecular mass	No data available

10. Stability and Reactivity

Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous reactions	No data available
Conditions to avoid	No data available
Materials to avoid	Strong bases, strong oxidizing agents
Hazardous decomposition products	No data available

11. Toxicological Information

Signs and Symptoms of Overexposure	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.	
Acute	Eye Contact	No data available
Effects	Skin Contact	No data available
	Inhalation	No data available
	Ingestion	No data available
	Germ Cell Mutagenicity	No data available
Target Organ Effects		No data available
Chronic Effects		No data available
Medical Conditions		No data available
Aggravated by Exposure		
Acute	Oral LD50	None reported
Toxicity	Inhalation LC50	None reported
Values	Dermal LD50	None reported
Carcinogenicity	IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

New Jersey Right To Know Components

	CAS-No.	Revision Date
Water	7732-18-5	
Glycerol	56-81-5	2007-03-01
Potassium chloride	7447-40-7	

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Issuing Date 4/20/2015

Revision No. 1.0

Disclaimer The information contained herein is accurate to the best of our knowledge, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Van London pHoenix Company makes no warranty of any kind, expressed, or implied, concerning the safe use of this material in your process or in combination with other substances. Van London pHoenix Company shall not be held liable for any damage resulting from handling or from contact with the above product.