



MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION	
Manufacturer:	ITT Analytics
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SECTION I - PRODUCT IDENTIFICATION	
Part Number:	477006
Product Name:	pH Electrode Filling Solution
Chemical Name:	3 Molar Potassium Chloride Solution
Formula:	KCL and Water
Formula Weight:	N/A
CAS Number:	N/A
Chemical Family/Product Type:	Aqueous Salt Solution

SECTION II - COMPOSITION	
Chemical Component % CAS. No. Nature of Hazard No hazardous ingredients according to OSHA Definition.	

SECTION III - PHYSICAL DATA

State:	Liquid
Appearance:	Clear, colorless liquid
Boiling Point:	Approximately 100 °C
Melting Point:	Approximately 0 °C
Specific Gravity:	1.1
Vapor Pressure:	N/A
Odor:	None
Vapor Density:	N/A
Evaporation Rate:	As water
Solubility in Water:	Complete
Storage Precautions:	Protect from freezing and physical damage.

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point:	N/A
FPA Codes:	Health: N/A Flammability: N/A Reactivity: N/A
Toxic Gases Produced:	N/A
Extinguishing Media:	N/A

SECTION V - HEALTH HAZARD DATA

Exposure Limit (TLV/TWA):	N/A
Toxicity: LD50 (oral-rat):	N/A
Primary Routes of Entry:	Eyes, skin, ingestion
Carcinogens:	N/A
Effects of Overexposure:	Contact with eye, skin or mucous membrane irritation. If ingested, may cause vomiting, sore throat, abdominal pain and diarrhea.
Precautionary Steps:	Wear protective rubber gloves and safety glasses. Avoid contact with eyes, skin and clothing
Emergency and First Aid Procedures:	In case of contact with eyes, immediately flush with large amounts of water. For contact with skin, remove contaminated clothing, wash area with soap and water. Get medical assistance if irritation persists. In case of ingestion dilute with water or milk and call physician if necessary.

SECTION VI - REACTIVITY DATA

Stability:	Stable under normal conditions of use and storage
Hazardous Polymerization:	Will not occur
Conditions to be Avoided:	N/A
Known Incompatibility (Materials to Avoid):	N/A
Decomposition Products:	N/A

SECTION VII - SPILL AND DISPOSAL PROCEDURES

Steps to be Taken in Case of Leaks or Spills:	Absorb on vermiculate or other suitable material.
Disposal:	Dispose in accordance with all applicable federal, state and local environmental guidelines.

SECTION VIII - TRANSPORTATION DATA

Proper Shipping Name:	N/A
Hazard Class:	N/A
UN Number:	N/A

SECTION IX - OTHER MISCELLANEOUS

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The information herein has been compiled from data presented in various technical sources believed to be accurate. We make no warranty and assume no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.

N/A = Not Applicable or Not Available.