

ROSS Reference Electrode Filling Solution Material Safety Data Sheet

I. PRODUCT IDENTIFICATION:

ROSS Reference Electrode Filling Solution
810007

PRODUCT USE: Reagent

NFPA RATINGS: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

II. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT		%	LD ₅₀ mg/kg
COMPONENT	FD&C Yellow No. 5		
CAS NO.	1934-21-0	<0.1	12,750 (ORL-MUS)
COMPONENT	FD&C Red No. 40		
CAS NO.	25956-17-6	<0.1	None listed
COMPONENT	Potassium Chloride (KCl)		
CAS NO.	7447-40-7	<22	2,500 (ORL-GPG)
COMPONENT	Triton X-100 (C ₃₃ H ₅₅ O ₁₁)		
CAS NO.	9036-19-5	<0.1	1,800 (ORL-RAT)
COMPONENT	Water		
CAS NO.	7732-18-5	<78	190,000 (IPR-MUS)

III. HAZARDS IDENTIFICATION

None

IV. FIRST AID MEASURES

EYE AND SKIN CONTACT: Not hazardous

INGESTION: May cause an electrolyte imbalance if swallowed

INHALATION: Not hazardous

V. FIRE FIGHTING MEASURES

FLASH POINT: NOT APPLICABLE AUTOIGNITION POINT: NOT APPLICABLE
FLAMMABILITY LIMITS: UPPER: NOT APPLICABLE LOWER: NOT APPLICABLE
EXTINGUISHING MEDIA: Water, CO₂, dry chemical or water spray

VI. ACCIDENTAL RELEASE MEASURES

Take up with absorbent materials. Place in small containers for disposal. Wash spill site after material pick up is complete.

VII. HANDLING AND STORAGE

Always wear eye protection and gloves when working with this product.
Avoid ingestion. Keep container closed during storage.

VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

OSHA THRESHOLD LIMIT: None listed
PROTECTIVE EQUIPMENT: Safety glasses

IX. PHYSICAL AND CHEMICAL PROPERTIES

STATE: Orange liquid ODOR THRESHOLD: None
SENSITIVITY TO MECHANICAL IMPACT: None
SENSITIVITY TO STATIC DISCHARGE: None
COEFFICIENT OF OIL/WATER DISTRIBUTION: None
SOLUBILITY IN WATER: Soluble pH: (5.5 – 8.0)
SPECIFIC GRAVITY: 1.11
BOILING POINT: 100°C MELTING POINT: Not determined
VAPOR DENSITY: Not determined

X. STABILITY AND REACTIVITY

Product is stable. Hazardous polymerization will not occur.

Incompatibles: None

Hazardous decomposition product: None

XI. TOXICOLOGICAL INFORMATION

Route of Exposure: May cause itching or stinging of cuts in skin. May be harmful if swallowed in large doses.

Teratogen Status: None

Mutagen Status: None

Reproductive Toxicity: None

Carcinogen Status: None

XII. ECOLOGICAL INFORMATION

Not an ecological hazard

XIII. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with Federal, State and Local Regulations.

XIV. TRANSPORT INFORMATION

Product is not regulated for transport.

XV. REGULATORY INFORMATION

EUROPEAN INFORMATION:

None

US/ CANADA INFORMATION

SARA/Title III: Not on lists

Cal. Proposition 65: Ingredients not listed

US TSCA Inventory: Ingredients are listed

CPR Class: None

TDG Class: None

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by those regulations.

XVI. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. ALL PRODUCTS ARE OFFERED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRODUCTION SPECIFICATIONS AND ARE INTENDED SOLELY FOR USE IN ANALYTICAL TESTING. THE MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR ANY INJURY, LOSS OR DAMAGE RESULTING FROM THE HANDLING, USE OR MISUSE OF THESE PRODUCTS.

MSDS prepared by John Meserve, Quality Assurance group.