

Ag/AgCl Reference Electrode Filling Solution Material Safety Data Sheet

I. PRODUCT IDENTIFICATION:

Ag/AgCl Reference Electrode Filling Solution
900011

PRODUCT USE: Reagent

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

II. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT		%	LD ₅₀ mg/kg
Potassium Chloride (KCl)			
CAS NO.	7747-40-7	29	2,600 (ORL-RAT)
Silver Chloride			
CAS NO.	7783-90-6	<0.1	Not available
Water			
CAS NO.	7732-18-5	>71	629,000 (ORL-DOG)

III. HAZARDS IDENTIFICATION

May irritate eyes and skin.

IV. FIRST AID MEASURES

EYE AND SKIN CONTACT: Wash off water.
INGESTION: Dilute with water. Consult physician.
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 foam

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.
Store away from sources of ignition and keep container closed.

VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

OSHA & ACGIH THRESHOLD LIMIT: None listed.
PROTECTIVE EQUIPMENT: Safety glasses, lab coat.

IX. PHYSICAL AND CHEMICAL PROPERTIES

STATE: Clear 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: 1.1
BOILING POINT: at 1 atm Not applicable 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

Teratogen Status: None
Mutagen Status: None
Reproductive Toxicity: None
Carcinogen Status: None

XII. ECOLOGICAL INFORMATION

None available.

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 Quality Assurance group.