

**I. PRODUCT IDENTIFICATION: Ag/AgCl Filling Solution**  
**Distributed by VWR International**

14002-824

PRODUCT USE: Reagent

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

**II. COMPOSITION/INFORMATION ON INGREDIENTS**

COMPONENT		%	LD <sub>50</sub> mg/kg
Silver Chloride (AgCl)			
CAS NO.	7783-90-6	<1.0	Not found
Potassium Chloride (KCl)			
CAS NO.	7447-40-7	<30	2,500 (ORL-GPG)
Deionized Water			
CAS NO.	7732-18-5	70	190,000 (IPR-MUS)

**III. HAZARDS IDENTIFICATION**

TARGET ORGANS: Skin and eyes.

ACUTE TOXICITY: Not an acute hazard for all routes of exposure. However an electrolyte imbalance might occur if swallowed

CHRONIC TOXICITY: Not a chronic hazard for all routes of exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Will cause stinging in an open cut.

**IV. FIRST AID MEASURES**

EYE AND SKIN CONTACT: Eyes: Irrigate with water. Skin: Wash with soap and water.

INHALATION: Not hazardous.

INGESTION: Dilute with water, seek medical attention.

**V. FIRE FIGHTING MEASURES**

FLASH POINT: NA AUTOIGNITION POINT: NA

FLAMMABILITY LIMITS: UPPER: NA LOWER: NA

EXTINGUISHING MEDIA: Dry chemical, water, foam, or CO<sub>2</sub>.

**VI. ACCIDENTAL RELEASE MEASURES**

Clean up and set aside for waste disposal.

**VII. HANDLING AND STORAGE**

**Always wear eye protection and gloves when working with this product.**

Keep sealed and store at room temperature.

**VIII. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

OSHA & ACGIH THRESHOLD LIMIT: None listed.

PROTECTIVE EQUIPMENT: Safety glasses, lab coat and gloves.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

STATE: Colorless 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: 1.12

BOILING POINT: 106°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: Itching of skin, irritation of eyes if allowed to come in contact.

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 hazardous for transport.

**XV. REGULATORY INFORMATION**

EUROPEAN INFORMATION:

None.

US/ CANADA INFORMATION

SARA/Title III: Not listed.

Cal. Proposition 65: Ingredients not listed.

US TSCA Inventory: Ingredients are listed.

CPR Class: None.

TDG Class: None.

MSDS discloses elements required by the CPR.

**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.