

### SECTION 1: IDENTIFICATION OF THE PRODUCT AND COMPANY

**Product Name:** KCl (Potassium Chloride) saturated with silver chloride Solution  
**Chemicals Contained:** Potassium Chloride Solution  
**Intended use of the chemicals:** Soaking Solution  
**Supplier Name:** APERA Instruments (Europe) GmbH  
Wilhelm-Muthmann-Str. 18 Tel: +49 202 51988998  
D-42329 Wuppertal, Germany Fax: +49 202 51552227  
[info@aperainst.de](mailto:info@aperainst.de)

### SECTION 2: HAZARD IDENTIFICATION

Non-hazardous product as specified in Directives 67/548/EEC and 1999/45/EC

Non-hazardous product as specified in OSHA regulation 29 CFR 1910.1200

### SECTION 3: COMPOSITION AND COMPONENT INFORMATION

Weight %	CHEMICAL NAME(S)
<30%	Potassium Chloride
<0.1%	Silver Chloride
>70%	Deionized Water

### SECTION 4: FIRST AID MEASURES

**After Inhalation:** Remove to fresh air. Call a physician if breathing becomes difficult.  
**After Skin Contact:** Wash affected area with water and soap  
**After Eye Contact:** Rinse out with plenty of water for at least 15 minutes. If pain persists, summon medical advice.  
**After Swallowing:** Wash out mouth with plenty of water, provided person is conscious. Obtain medical attention if feeling unwell.

### SECTION 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:**

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

**Special Risks:**

Non-combustible. Development of hazardous combustion gases or vapors possible in the event of fire.

**Special Protective Equipment:**

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions:** None      **Environmental Precautions:** None  
**Additional Notes:** None

### SECTION 7: HANDLING AND STORAGE

**Handling:** No Restrictions

**Storage:** Keep container closed and protected from direct sunlight. Store at room temperature (+15°C to +25°C).

### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**Engineering:** Maintain general industrial hygiene practice.

**Personal Protective Equipment:** As appropriate to quantity handled.

**Respiratory Protection:** Required when vapors/aerosols are generated.

**Protective Gloves:** Rubber or plastic

**Eye Protection:** Goggles or face mask

**Industrial Hygiene:** Change contaminated clothing. Wash hands after working with substance.

### SECTION 9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Colorless liquid      Odor: Odorless      Specific Gravity: 1.00

Melting Point: NA      Boiling point: >100°C      Solubility: Soluble

pH: 6-7 at 25°C      Explosion Limit: NA      Flash Point: NA

Thermal Decomp. : NA

### SECTION 10: STABILITY AND REACTIVITY

**Conditions to be avoided:** Heating

**Hazardous Decomposition Products:** See section 5.

**Hazardous Polymerization:** Will not occur

**Substances to be avoided:** The generally known reaction partners of water

**Further Information:** Not available

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Product Toxicity

Quantitative data on the toxicity of this product is not available

#### Potential Health Effects:

**Further Data:** Hazardous properties can't be excluded, but are relatively because of the low concentration of the dissolved substances, when the product is handled appropriately. The product should be handled with the usual care when dealing with chemicals.

#### Component Toxicity

**Acute Toxicity:** Not Available

**Chronic Toxicity:** Not Available

**Additional Data:** Not Available

### SECTION 12: ECOLOGICAL INFORMATION

Quantitative data on the ecological effect of the product is not available.

**Further Data:** No ecological problems are to be expected when the product is handled and used with due care and attention.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Can be safely disposed of as ordinary refuse.

### **SECTION 14: TRANSPORTATION INFORMATION**

**Land:** Not subject to transport regulations

**Air:** Not subject to transport regulations

**Sea:** Not subject to transport regulations

### **SECTION 15: REGULATORY INFORMATION**

**Labeling according to the rules for the safety data sheet of the Global Harmonized System (GHS)**

Non-hazardous according to EC Directives 67/548/EEC

### **SECTION 16: OTHER INFORMATION**

**Revision Date:** 2025-07-05

**Supersedes edition of:** MSDS Sheet

**THE INFORMATION CONTAINED HERENIN IS BASED ON THE PRESENT STATE OF OUR  
KNOWLEDGE. IT CHARACTERIZES THE PRODUCT WITH REGARD TO  
THE APPROPRIATE SAFETY PRECAUTIONS. IT DOES NOT REPRESENT A GUARANTEE OF  
THE PROPERTIES OF THE PRODUCT.**