



# Material Safety Data Sheet

## pH Electrode Protection Solution KCL 3mol/l

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### 1. Identification of the substance / preparation and the company / undertaking

Use of the substance/ Preparation	Solution for pH electrode protection
Chemical characterization	Aqueous solution containing inorganic components.
Product Code	30059256
Supplier	OHAUS CORPORATION 7 Campus Drive Suite 310 Parsippany, NJ 07054 USA Tel: (973) 377-9000 Fax:(973) 944-7177 Email: pH@ohaus.com
Emergency telephone number	+1-800-535 50 53 (Info Trac, 24 hrs)
Revision date	2013-06-01
Number	1

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### 2. Composition / information on ingredients

Hazardous components	The product contains no substances classified as hazardous to health in concentrations which should be taken into account to EC directive. Contains: Potassium chloride (CAS no7447-40-7) :<23%
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### 3. Hazards identification

None.

NFPA Ratings (Scale 0-4):

HEALTH=1

FLAMMABILITY=0

REACTIVITY=0

SPECIAL=0

HMIS Ratings (Scale: 0=Minimal 1=Slight 2=Moderate  
3=Serious 4=Severe):

HEALTH=1

FLAMMABILITY=0

REACTIVITY=0

PROT. EQUIPMENT=A (Safety Glasses)

WHMIS:

no Hazard class

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### 4. First aid measures

Inhalation	Not hazardous by inhalation.
Skin contact	Rinse with water.
Eye contact	Immediately flush eye(s) with plenty of water.
Ingestion	Rinse mouth.

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### 5. Fire-fighting measures

Suitable extinguishing media	No special measures required.
Specific hazards	The product is not flammable.



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### 6. Accidental release measures

Personal precautions	No special measures required.
Environmental precautions	No special environmental precautions required.
Methods for cleaning up	Contaminated surfaces will be extremely slippery. Clean up promptly by sweeping or vacuum.

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### 7. Handling and storage

Handling	No special precautions required.
Storage	Keep out of reach of children. Store at room temperature in the original container.

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### 8. Exposure controls / personal protection

Exposure limit(s)	Not available.
Engineering measures to reduce exposure	General industrial hygiene practice.
Personal protection equipment: Respiratory protection	No personal respiratory protective equipment normally required.
Eye protection	Avoid contact with eyes.

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### 9. Physical and chemical properties

Form	Liquid.
Color	Colorless. Clear.
Odor	None.

Physical and chemical properties	pH:	~6
	Boiling point/range:	~212 °F (~100°C)
	Relative density:	~1g/ml
	Flash point:	does not ignite
	Water solubility:	Completely miscible



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### 10. Stability and reactivity

Stability	No decomposition if stored and applied as directed.
Conditions to avoid	Extremes of temperature and direct sunlight.
Hazardous decomposition Products	None reasonably foreseeable.

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### 11. Toxicological information

Acute toxicity	No data is available on the product itself.  Potassium chloride: RTECS: TS8050000 LD50 /oral /rat: 2600 mg/ kg LD50 /intravenous /rat: 142 mg/ kg LD50 /oral/ mouse: 1500 mg/ kg LD50 /intravenous/ mouse: 117 mg/ kg
Local effects	No data is available on the product itself.
Long term toxicity	None.
Further information	The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directive.

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### 12. Ecological information

Persistence / degradability	Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.
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### 13. Disposal consideration

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Clean container with water. Empty containers should be taken to local recyclers for disposal.



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### 14. Transport information

Further information                      Not classified as dangerous in the meaning of transport regulations.

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### 15. Regulatory information

Regulatory information

KCL 3M:

NFPA Ratings (Scale 0-4):

HEALTH=1

FLAMMABILITY=0

REACTIVITY=0

SPECIAL=0

HMIS Ratings (Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe):

HEALTH=1

FLAMMABILITY=0

REACTIVITY=0

PROT.EQUIPMENT=A (Safety Glasses)

WHMIS:

no Hazard class

Potassium chloride:

US CLASSIFICATION AND LABEL TEXT

US Statements: Caution: Avoid contact and inhalation.

Target organ(s): Heart

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

TSCA INVENTORY ITEM: Yes

CANADA REGULATORY INFORMATION

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: Yes

NDSL: No



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Symbol(s) None.

R-phase(s) None.

S-phase(s) None.

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### 16. Other information

Recommended use For industrial application only.

End use The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification.