SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Details

Product name	**:** Conductivity standard solution 0.1-15mS,
Trade name	**:** Conductivity solution
Chemical name	**:** Potassium chloride solution
Molecular weight	**:** Not applicable
Chemical family	**:** Aqueous solution
Manufacturer's code	**:** CD04-600XXX, C-SA-B04-30XXX
Identified uses	**:** Calibrating electrodes, verify electrodes

1.2 Company Identification

Manufacturer's name	**:** Centrionics Sdn Bhd
Distributor's name & address	**:** Centrionics Sdn Bhd Centrionics Systems & Services Sdn Bhd No. 23, Jalan Sungai Jerluh 32/196 Seksyen 32, Bukit Kemuning 40460 Shah Alam, SEL
Emergency tel. no.	**:** 603-5525 2568
Fax. no.	**:** 603-5131 5668

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 (CLP)
The product (mixture) is classified as not hazardous.
Classification according to Directive 67/548/EEC or Directive 1999/45/EC.
The product (preparation) is classified as not hazardous.

2.2 Label elements
Labelling (CLP)
Hazard statements: not applicable.
Safety precautions: not applicable.
Labelling (67/548/EEC or Directive 1999/45/EC.)

2.3 Hazard statements
Risk Phrase (R)

R20/R21/22	Harmful by inhalation, in contact with skin and if swallowed
R36	Irritating to eyes

2.4 Precautionary statements
Safety phrases (S)

S36	Wear suitable protective clothing
S7	Keep container tightly closed

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	CAS #	Proportion (%)
Potassium chloride	7747-40-7	0.01 – 2%
Water, purified	7732-18-5	>98%

SECTION 4: FIRST AID MEASURES

Description of first aid measures

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact
Wash off with soap and plenty of water.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed
No data available

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture
Nature of decomposition products not known.

Advice for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.

Further information
No data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak/Spills:

Environmental precautions
No special environmental precautions required.

Methods and materials for containment and cleaning up
Keep in suitable, closed containers for disposal.

Reference to other sections
For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Suitable PPE and safe environment

7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Recommended storage temperature: 2 - 8 °C

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Limit **:** Components with workplace control parameters

8.2 Personal protection **:**

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Body Protection
Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection not required.

8.3 Ventillation **:** Well-ventillated

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Form: clear, liquid Colour: colourless
Odour	: No data available
Solubility	: Soluble in water
pH	: 7
Boiling Point	: > 100 °C
Melting Point	: No data available
Vapour Pressure (mm of Hg at 25ºC)	: No data available
Percentage Volatiles	: No data available
Evaporation Rate	: No data available
Vapour Density	: No data available
Specific Gravity	: No data available
Flash point	: No data available
Autoignition temperature	: No data available
Flammable limit (%) and	: No data available
other properties if applicable.	: No data available

SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid **:** No data available

Incompatible materials **:** Strong oxidizing agents

Decomposition hazardous **:** No data available

Hazardous polymerization **:** No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity data

Inhalation	**:** May be harmful if inhaled. May cause respire tory tract irritation.
Ingestion	**:** May be harmful if swallowed.
Skin	**:** May be harmful if absorbed through skin.
Eyes	**:** May cause eye irritation.

Carcinogenicity **:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive effect **:** No data available

Effects of overexposure **:** No data available

Chronics effects **:** No data available

Specific target organ : No data available

SECTION 12: ECOLOGICAL INFORMATION

Mobility : No data available

Bioaccumulation : No data available

Biodegrability : No data available

Toxicity : No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

UN number
ADR/RID: - IMDG: - IATA: -

UN proper shipping name
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

Transport hazard class(es)
ADR/RID: - IMDG: - IATA: -
Packaging group
ADR/RID: - IMDG: - IATA: -

Environmental hazards
ADR/RID: no IMDG Marine pollutant: no IATA: no

Special precautions for user
No data available

SECTION 15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

Chemical safety assessment
No data available

SECTION 16: OTHER INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available

Creation Date: 14/07/2014
Revision Date: 06/01/2020
Revision of the SDS: Revision 6
Reason for revision: Change of product code details

Disclaimer:

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END OF SAFETY DATASHEET