



Material Safety Data Sheet

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SECTION 1 - MATERIAL IDENTIFICATION

PRODUCT NAME: YSI 3163 Conductivity Calibrator 10,000 micromho/cm FORMULA: n/ap

Chemical Type: Dilute water solution of the listed ingredients.
CAS No. n/ap

SECTION 2 - HAZARDOUS / IMPORTANT INGREDIENTS

<u>Chemical / Synonym</u>	<u>CAS No.</u>	<u>PERCENT</u>	<u>PEL/TLV</u>	<u>CARCINOGEN</u> (OSHA,NTP,IARC)
Potassium Chloride	7447-40-7	<1.0	none	no

Water (balance)

SECTION 3 - CHEMICAL AND PHYSICAL PROPERTIES

Appearance: <u>clear bluish tinted liquid</u>	Boiling Point: <u>212°F (100°C)</u>
Odor: <u>slt. acid</u>	Melting Point: <u>32 °F (0°C)</u>
pH: <u>neutral</u>	Specific Gravity: <u>1.00</u>
Water Solubility: <u>infinite</u>	Vapor Pressure: <u>= water</u>
Evaporation Rate: <u>= water</u>	Vapor Density: <u>= water vapor</u>

SECTION 4 - FIRE AND EXPLOSION HAZARDS

Flash Point: none Explosive Limits: none
Extinguishing Media: n/ap
Material is basically water, and is not combustible nor does it emit flammable vapors.

SECTION 5 - REACTIVITY INFORMATION

Stable: X Unstable: _____ Precautions: none
Hazardous Polymerization: Occurs: _____ Does Not Occur: X
Incompatibility: Extensive contact may cause reaction with aluminum, steel, zinc, magnesium.
Hazardous Decomposition Products: none from water solution

SECTION 6 - HEALTH HAZARDS / PROTECTIVE MEASURES / FIRST AIDInhalation:

Use a NIOSH approved respirator for liquid mists and/or splashes. Get supplier recommendations. Provide adequate ventilation. Avoid conditions that cause misting or splashing.

Remove to fresh air. Give artificial respiration and get medical attention as needed.

Skin:

May cause irritation with repeated exposure.

Wear water-resistant gloves as needed.

Wash exposed areas with soap and water for 15 minutes. Remove contaminated clothing, and wash before re-using.

Eyes:

Can cause irritation and potential eye damage with repeated exposure.

Wear splash-proof water resistant goggles. Have convenient eye-wash stations.

Flush with water for 15 minutes.

Ingestion

Can cause irritation of mouth, throat, and an upset stomach.

Wear a mouth cover or face shield when there is splashing.

Do not swallow. Rinse mouth. If swallowed, do not induce vomiting. Get prompt medical attention.

(No chronic effects reported)

IN ALL CASES: GET MEDICAL ATTENTION IF EFFECTS PERSIST.

Most likely routes of entry: skin, eyes, ingestion.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Flush to sewer or ground with lots of water.

Storage and Handling: Keep containers closed, and do not heat over about 125°F. Discard any material that may be contaminated or which otherwise may have changed composition. Use personal protection as described in Section 6.

Waste Disposal: In accordance with applicable regulations for liquid wastes. Is not a RCRA hazardous waste as of this date.

Empty Containers: Rinse. Dispose as appropriate for glass and plastic containers.

SECTION 8 - REGULATORY INFORMATION

DOT: Not regulated.

SARA Title III, S.313, Form R: Nothing reportable.

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