



# SAFETY DATA SHEET

15177560

## 1. Identification

**Product identifier** YSI Oxygen Probe Electrolyte for Model 5204, 5906, 5908, & 5909  
**Other means of identification** Not available.  
**Recommended use** Analysis Standard/Reagent  
**Recommended restrictions** None known.  
**Manufacturer / Importer / Supplier / Distributor information**  
**Company name** YSI, Inc  
**Address** 1700/1725 Brannum Lane  
**Telephone** (937) 767-7241  
**E-mail** MSDSinfo@ysi.com

**Emergency phone number** CHEMTREC (US/Canada) (800) 424-9300  
CHEMTREC (International) 011 703-527-3887  
(Collect calls accepted)

## 2. Hazard(s) identification

**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Not classified.  
**OSHA defined hazards** Not classified.

### Label elements

**Hazard symbol** None.  
**Signal word** None.  
**Hazard statement** The mixture does not meet the criteria for classification.

### Precautionary statement

**Prevention** Observe good industrial hygiene practices.  
**Response** Wash hands after handling.  
**Storage** Store away from incompatible materials.  
**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information**  
Not applicable.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	CAS number	%
Sodium sulfate	7757-82-6	71
Potassium Chloride	7447-40-7	29

## 4. First-aid measures

**Inhalation** If dust from the material is inhaled, remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist.  
**Skin contact** Wash off with soap and water. Get medical attention if irritation develops and persists.  
**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.  
**Ingestion** Rinse mouth. Get medical attention if symptoms occur.  
**Most important symptoms/effects, acute and delayed** Direct contact with eyes may cause temporary irritation.  
**Indication of immediate medical attention and special treatment needed** Throat symptomatically.

YSI Oxygen Probe Electrolyte for Model 5204, 5906, 5908, & 5909  
919630 Version # 01 Revision date: - Issue date: 20-March-2014

SDS US  
1 / 6

### General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).  
Do not use water jet as an extinguisher, as this will spread the fire.  
**Unsuitable extinguishing media**  
**Specific hazards arising from the chemical** During fire, gases hazardous to health may be formed.  
**Special protective equipment and precautions for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  
**Fire-fighting equipment/instructions** Use water spray to cool unopened containers.  
**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.  
**General fire hazards** No unusual fire or explosion hazards noted.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Keep unnecessary personnel away. Avoid inhalation of dust from the spilled material. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. For personal protection, see section 8 of the SDS.  
**Methods and materials for containment and cleaning up** If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Collect dust using a vacuum cleaner equipped with HEPA filter. Minimize dust generation and accumulation. Following product recovery, flush area with water. Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS.

**Environmental precautions** Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

**Precautions for safe handling** Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Avoid breathing dust. Avoid contact with skin and eyes. In case of insufficient ventilation, wear suitable respiratory equipment. Practice good housekeeping.  
**Conditions for safe storage, including any incompatibilities** Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

**Occupational exposure limits** No exposure limits noted for ingredient(s).  
**Biological limit values** No biological exposure limits noted for the ingredient(s).  
**Appropriate engineering controls** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Use tight fitting goggles if dust is generated.  
**Skin protection**  
**Hand protection** For prolonged or repeated skin contact use suitable protective gloves.  
**Other** Wear suitable protective clothing.  
**Respiratory protection** Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.  
**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.  
**General hygiene considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

**Physical state** Solid.  
**Form** Powder.  
**Color** White.  
**Odor** None.  
**Odor threshold** Not available.  
**pH** Not available.

YSI Oxygen Probe Electrolyte for Model 5204, 5908, 5908, & 5909  
919630 Version # 01 Revision date: - Issue date: 20-March-2014

SDS US  
2 / 6

L-389

## 15. Regulatory information

US federal regulations All components are on the U.S. EPA TSCA Inventory List

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Sodium sulfate (CAS 7757-82-6)

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Sodium sulfate (CAS 7757-82-6)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

YSI Oxygen Probe Electrolyte for Model 5204, 5906, 5908, & 5909  
919630 Version #: 01 Revision date: - Issue date: 20-March-2014

SDS US  
5 / 6

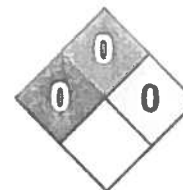
## 16. Other information, including date of preparation or last revision

Issue date 20-March-2014

Revision date -

Version # 01

NFPA Ratings



Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

YSI Oxygen Probe Electrolyte for Model 5204, 5906, 5908, & 5909  
919630 Version #: 01 Revision date: - Issue date: 20-March-2014

SDS US  
6 / 6