



**SENSOREX**

# MATERIAL SAFETY DATA SHEET (MSDS)

## Section 1 - Chemical Product and Company Identification

*Catalog Number(s)*

TDS15, TDS30, TDS150, TDS300, TDS500, TDS1000, TDS1500, TDS3000, TDS5687, TDS9523, TDS15000, TDS30000

*Product Name*

TDS standard solution mixed salt

*Manufacturer's Name*  
Sensorex Corporation

*Emergency Telephone Number (24 hr)*

*Address (number, Street, City, State and Zip Code)*  
11751 Markon Drive

*Telephone number for Information*  
714-895-4344

Garden Grove, CA. 92841 USA

*Date prepared*

## Section 2 - Composition/Ingredient Information

<i>Component</i>	<i>CAS Registry #</i>	<i>Percent Concentration</i>	<i>Exposure Limits</i>	
			<i>ACGIH TLV</i>	<i>OSHA PEL</i>
<i>Sodium Bicarbonate</i>	144-55-8	<i>Varies</i>	N/A	N/A
<i>Sodium Sulfate</i>	7757-82-6	<i>Varies</i>	N/A	N/A
<i>Sodium Chloride</i>	7647-14-5	<i>Varies</i>	N/A	N/A
<i>Deionized water</i>	7732-18-5	<i>Balance</i>	N/A	N/A

## Section 3 - Hazards Identification

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EMERGENCY OVERVIEW

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POTENTIAL HEALTH EFFECTS:

TARGET ORGANS: eyes, skin, mucous membranes and digestive tract

EYE CONTACT: May cause slight irritation

INHALATION: None

SKIN CONTACT: May cause slight irritation

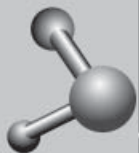
INGESTION: Large doses may cause stomach upset

CHRONIC EFFECTS/CARCINOGENICITY:

- IARC - NO
- NTP - NO
- OSHA - NO

TERATOLOGY (BIRTH DEFECT INFORMATION): No information

REPRODUCTION INFORMATION: No information



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### **Section 4 - First Aid Measures**

**EYE CONTACT:** Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

**INHALATION:** Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

**SKIN CONTACT:** Flush with plenty of water for at least 15 minutes. Call a physician if irritation develops.

**INGESTION:** Dilute with water or milk. Call a physician if necessary.

### **Section 5 - Fire Fighting Measures**

**FLAMMABLE PROPERTIES:**

FLASH POINT: N/A

METHOD USED: N/A

**FLAMMABLE LIMITS:**

LFL: N/A

UFL: N/A

**EXTINGUISHING MEDIA:** Non-flammable

**FIRE AND EXPLOSION HAZARDS:** Not considered to be a fire or explosion hazard.

**FIRE FIGHTING INSTRUCTIONS:** Non-flammable

**FIRE FIGHTING EQUIPMENT:** N/A

### **Section 6 - Accidental Release Measures**

Absorb with suitable absorbant material (vermiculite, clay, etc) and water then air out area.

### **Section 7 - Handling and Storage**

As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage. SAFETY STORAGE CODE: GENERAL

### **Section 8 - Exposure Controls/Personal Protection**

**ENGINEERING CONTROLS:** No specific controls are required. Normal room ventilation is adequate.

**RESPIRATORY PROTECTION:** Normal room ventilation is adequate.

**SKIN PROTECTION:** Chemical resistant gloves.

**EYE PROTECTION:** Safety glasses or goggles.



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### Section 9 - Physical and Chemical Properties

APPEARANCE: Clear liquid  
ODOR: Odorless  
SOLUBILITY IN WATER: 100%  
SPECIFIC GRAVITY: Approximately 1  
EVAPORATION RATE: N/A

BOILING POINT(°C): 102 -107  
FREEZE POINT(°C): 0 TO -20  
VAPOR PRESSURE @ 20C: N/A  
VAPOR DENSITY: N/A

### Section 10 - Stability and Reactivity

CHEMICAL STABILITY: Stable under normal conditions of use and storage.

INCOMPATIBILITY: None identified.

HAZARDOUS DECOMPOSITION PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur.

### Section 11 - Toxicological Information

TOXICITY DATE: N/A

TOXICOLOGICAL FINDINGS: Lab animal testing indicates material does not produce any mutagenic effects.

### Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION: No information found.

CHEMICAL FATE INFORMATION: No information found.

### Section 13 - Disposal Considerations

Material does not have an EPA waste number and is not listed as waste. Always contact a permitted waste disposer to assure compliance with, federal, state and local regulations.

### Section 14 - Transportation Information

D.O.T. SHIPPING NAME: Not regulated  
D.O.T. HAZARD CLASS: None  
U.N./ N.A. NUMBER: None  
PACKING GROUP: None  
D.O.T. LABEL: None



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## **MATERIAL SAFETY DATA SHEET (MSDS)**

### **Section 15 - Regulatory Information - (NOT ALL INCLUSIVE)**

OSHA STATUS: The items listed on this MSDS do not contain any hazardous material or the potentially hazardous material is present in such low concentration that the items do not present any immediate threat to health or safety. These items do not meet the OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of hazardous material.

TSCA STATUS: All components of this solution are listed on the TSCA Inventory are mixtures (hydrates) of items listed on the TSCA inventory.

CERCLA REPORTABLE QUANTITY: Sodium Phosphate, Dibasic - 5,000 pounds

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: No

SECTION 311/312 HAZARDOUS CATEGORIES: No

SECTION 313 TOXIC CHEMICALS: No

RCRA STATUS: No

CALIFORNIA PROPOSITION 65: Not listed

PENNSYLVANIA: Sodium Phosphate dibasic is listed as an environmental hazard on the state Hazardous Substance list.

### **Section 16 - Other Information**

NFPA Ratings:	Health: 0	Flammability: 0	Reactivity: 0	Special Notice Key: None
HMIS Ratings:	Health: 1	Flammability: 0	Reactivity: 0	Special Notice Key: None

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