



SENSOREX[™]

MATERIAL SAFETY DATA SHEET (MSDS)

Section 1 - Chemical Product and Company Identification

Catalog Number(s)

DO7002, DO7KIT, DO7400, DO7441, DO7442, DO7050, DO7051

Product Name

Dissolved oxygen electrolyte (for all DO7 series sensors), 1M Sodium Carbonate

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

06-28-2007

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 Carbonate</i>	497-19-8	10.6	N/A	N/A
<i>Deionized water</i>	7732-18-5	Balance	N/A	N/A

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

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

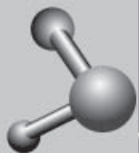
INGESTION: Large doses may cause stomach upset

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.

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

INGESTION: Dilute with water. Call a physician if necessary.

INHALATION: Remove to fresh air. 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. Store in cool dry area away from acids.

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: None required.

EYE PROTECTION: Recommended.



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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): approx 100
FREEZE POINT(°C): 0 TO -20
VAPOR PRESSURE @ 20C: N/A
VAPOR DENSITY: N/A
pH: approx 11-12

Section 10 - Stability and Reactivity

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

INCOMPATIBILITY: Reacts with acids with release of large volumes of carbon dioxide gas and heat.

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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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: None

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

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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