

Section 1 - Chemical Product and Company Identification

GHS Product Identifier

DO6400, DO6441, DO6442, DO6002, DO6025, DO6050

Product Name

Dissolved oxygen sensor electrolyte refill solution for DO6400 Series sensors

Manufacturer Name

Sensorex Corporation

Recommended Use/ Restrictions on Use

Use as refill electrolyte solution in DO6400 amperometric sensor. Not for household use.

Address (Number, Street, City, State and Zip Code)

11751 Markon Drive

Garden Grove, CA. 92841 USA

Emergency Telephone Number (24 hr) (800) 222-1222

American Association of Poison Control Centers

Telephone Number for Information

714-895-4344

Section 2 - Hazards Identification

GHS Classification: Not classified as hazardous material

Other hazards not classified or covered by GHS: None

Section 3 - Composition/Ingredient information

Chemical Identity	CAS Registry #	EC#	Percent Weight (%)
Glycerol	56-81-5	200-289-5	25
Sodium Chloride	7647-14-5	231-598-3	9
Deionized Water	7732-18-5	231-791-2	Balance

Section 4 - First Aid Measures

Description of Necessary First Aid Measures:
General: Consult a physician. Present this safety data sheet to the doctor in attendance. Move out of dangerous area.

IF INHALED: Move person into fresh air. If not breathing, perform rescue breathing and contact emergency medical personnel.

SKIN CONTACT: Wash off with soap and plenty of water. Consult a physician.

INGESTION: DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

EYE CONTACT: Flush eyes with water.

Most important symptoms/effects, acute and delayed:
INHALATION: No data available

SKIN CONTACT: No data available

EYE CONTACT: No data available

INGESTION: No data available.

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:

No data available

Section 5 - Fire-fighting Measures

Suitable extinguishing media:

SUITABLE: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

UNSUITABLE: No unsuitable extinguishing media known.

Specific hazards arising from the chemical (combustion products):

No data available

Special protective actions for fire-fighters:

Wear self-contained breathing apparatus for fire-fighting if necessary.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency responders:

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Refer to Section 8 for Personal Protective Equipment.

Environmental precautions:

Do not let product enter drains.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material, and keep in suitable closed containers for disposal.

Section 7 - Handling and Storage

Precautions for safe handling:

Do not ingest. Do not get in eyes, skin or on clothing. Keep container closed. Use only with adequate ventilation. Do not breathe vapor or mist. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibles:

Keep in tightly closed container. Store in a cool, dry, well-ventilated area.

INCOMPATIBLE MATERIALS: No data available

Section 8 - Exposure Controls/Personal Protection

Glycerol

TWA	10 mg/m ³	USA ACGIH Threshold Limit Value (TLV). Upper respiratory tract irritation.
	5 mg/m ³	USA Occupational Exposure Limit (OSHA) Table Z-1 Limits for Air Contaminants

Appropriate Engineering Controls:

Handle in accordance with good industrial hygiene and safety practice. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Individual protection measures, personal protective equipment:

RESPIRATORY PROTECTION: For conditions of use where exposure to dust or mist is apparent, a properly fitted, air-purifying or air-fed respirator must be worn.

SKIN PROTECTION: Wear impervious clothing, boots, chemical-resistant gloves, lab coat, apron or coveralls to prevent skin contact.

EYE PROTECTION: Use chemical safety goggles and or a full face shield where splash is possible. Maintain eyewash fountain.

Section 9 - Physical and Chemical Properties

APPEARANCE: Clear, colorless liquid	pH: Approximately 7
ODOR: Odorless	BOILING POINT (°C): 102 - 107
ODOR THRESHOLD: N/A	MELTING POINT (°C): -20 - 0
FLASH POINT: N/A	FLAMMABILITY: N/A
VAPOR PRESSURE: No data available	VAPOR DENSITY: No data available
RELATIVE DENSITY: 1	SOLUBILITY IN WATER: Infinite
	PARTITION COEFFICIENT (n-octanol/water): No data available
	UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: No data available
	EVAPORATION RATE compared with (n-butyl acetate = 1): 0.36 (water)
VISCOSITY: No data available	AUTO-IGNITION TEMPERATURE: N/A
	DECOMPOSITION TEMPERATURE: No data available

Section 10 - Stability and Reactivity

REACTIVITY: No data available	CHEMICAL STABILITY: Stable under normal conditions of use and storage.
CONDITIONS TO AVOID: No data available.	POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.
INCOMPATIBLE MATERIALS: Strong bases, strong oxidizing agents.	HAZARDOUS DECOMPOSITION PRODUCTS: No data available.

Section 11 - Toxicological Information

Acute toxicity: Not classified.
Skin corrosion/irritation: Not classified.
Serious eye damage/irritation: Not classified.
Respiratory or skin sensitization: Not classified.
Germ cell mutagenicity: Not classified.
Carcinogenicity: Not classified.
Reproductive toxicity: Not classified.
STOT Single exposure: Not classified.
STOT Repeated exposure: Not classified.
Aspiration hazard: Not classified.
Symptoms related to the physical, chemical and toxicological characteristics:
INHALATION: No data available.
SKIN CONTACT: No data available.
EYE CONTACT: No data available.
INGESTION: No data available.
Delayed and immediate effects also chronic from short and long term exposure: No data available

Numerical measure of toxicity:

Glycerol

Acute toxicity: LD50 oral - rat - 12,600 mg/kg
 inhalation - no data available
 LD50 dermal - rabbit - >10,000 mg/kg

Section 12 - Ecological Information

ECOTOXICITY:
Toxicity data United States:
Toxicity to fish:

Sodium chloride LC50 - *Lepomis macrochirus* (Bluegill) 5840 mg/L - 96 hr.

Toxicity to daphnia and other aquatic invertebrates:

Sodium chloride NOEC - *Daphnia*: 1500 mg/L - 7d
 EC50 - *Daphnia magna* (water flea): 1661 mg/L - 2d.

PERSISTENCE AND DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL: Not bioaccumulative

MOBILITY IN SOIL: No data available

OTHER ADVERSE EFFECTS: No data available

Section 13 - Disposal Considerations

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

Section 14 - Transportation Information

UN NUMBER: Not classified as hazardous material

UN PROPER SHIPPING NAME: Not dangerous goods

TRANSPORT HAZARD CLASS(ES): Not dangerous goods

PACKING GROUP: Not dangerous goods

ENVIRONMENTAL HAZARD: Not classified as hazardous material

Section 15 - Regulatory Information - (NOT ALL INCLUSIVE)

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components - This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
 Massachusetts Right To Know Components

Chronic Health Hazard
 Glycerol CAS-No 56-81-5

Pennsylvania Right To Know Components

Glycerol CAS-No 56-81-5

New Jersey Right To Know Components

Glycerol CAS-No 56-81-5

California Prop. 65 Components - This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16 - Other Information

Date of preparation: April, 2015

This Safety Data Sheet replaces Industrial Dissolved oxygen sensor electrolyte refill solution REV B.

Information in this SDS is from available published sources and is believed to be accurate. No warranty, expressed or implied, is made and Sensorex Corporation assumes no liability resulting from the use of this SDS. The user must determine suitability of this information for his application.



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