

MATERIAL SAFETY DATA SHEET

Section 1 Company and Product Identification

Product Name	Free Chlorine Sensor Electrolyte	Doc. ID: FCLA-0015-MSDS Issued: 06/2005 (month/year)
Part Numbers	FCLA-0015	
Product Use	Amperometric Free Chlorine Sensor Electrolyte	
Manufacturer	Sensorex Corporation 11751 Markon Drive Garden Grove, CA. 92841 USA	
Distributor and Emergency Phone No.	Refer to attached list, Document ID: 472050 for local distributor and emergency phone numbers.	

Section 2 Composition and Information on Ingredients

Hazardous Ingredients: None

Section 3 Hazards Identification

Emergency Overview	Colorless; Clear; Liquid; Odorless Nonflammable liquid Does not meet EU, OSHA or WHMIS criteria for hazardous materials.		
Physical Hazards	No physical hazards were determined from a review of available literature.		
Potential Health Effects Summary	This product does not meet EU, OSHA or WHMIS criteria for hazardous materials.		
Product Hazard Classifications	EU: Not applicable	WHMIS: Not applicable	US OSHA: Not applicable

Section 4 First Aid Measures

Inhalation	If liquid becomes aerosolized and inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.
Eye Contact	In case of eye contact, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occur, obtain medical attention.
Skin Contact	In case of skin contact, wash area with soap and water. Rinse well with water.
Ingestion	If product is swallowed, call physician or poison control center for most current information. Never induce vomiting or give liquids to someone who is unconscious or cannot swallow.

Section 5 Fire Fighting Measures

Flash Point	Not applicable. Product is not flammable.
Flammable Limits	Not applicable

Section 5 Fire Fighting Measures (continued)

Autoignition Temp	Not applicable
Extinguishing Media	Use extinguishing media suitable for the surrounding fire.
Special Fire and Explosion Hazards	None identified.
Hazardous Combustion Products	None identified.
Protective Equipment for Firefighters	Self-contained breathing apparatus is recommended for fire fighters in all chemical fire situations.

Section 6 Accidental Release Measures

Personal Precautions	Avoid eye and skin contact. Use good laboratory procedures.
Spill and Leak Procedures	Wipe up spill and place in container for suitable disposal.
Environmental Precautions	Contain spill to prevent migration.

Section 7 Handling and Storage

Handling Precautions	Use good laboratory procedures, avoid contact when handling product.
Recommended Storage Conditions	Store as indicated on the product label.

Section 8 Exposure Controls, Personal Protection

Exposure Limits:	
US OSHA:	None established
ACGIH:	None established
DFG MAK	None established
Engineering Controls	No special engineering controls are required. Use with good general ventilation.
Respiratory Protection	Under normal conditions, the use of this product should not require respiratory protection.
Eye Protection	Safety glasses are recommended to prevent eye contact.
Skin Protection	Impervious gloves should be worn where needed to prevent skin contact.

Section 9 Physical and Chemical Properties

Physical State	Liquid
Color	Colorless
Transparency	Clear
Odor	Odorless
Odor Threshold	Not applicable
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Specific Gravity	Not available
Vapor Pressure	17.5 mmHg @ 20°C (same as water)
Vapor Density	Not available
Percent Volatiles	74%
Coefficient of Water/Oil Distribution	Not available
Evaporation Rate	Not available

Section 9 Physical and Chemical Properties (Continued)

Solubility	
Water	Soluble
Organic	Not available

Section 10 Stability and Reactivity

Stability	Stable under normal temperatures and pressures.
Hazardous Incompatibilities	None identified.
Hazardous Decomposition Products	Decomposition products posing significant hazards are not expected.
Conditions to Avoid	None identified.

Section 11 Toxicological Information

Toxicity Data for Hazardous Ingredients:	Not applicable
Primary Routes of Exposure	The most likely route of exposure is skin contact.
Potential Effects of Acute Exposure	Direct contact may cause minor eye and skin irritation.
Potential Effects of Chronic Exposure	None identified.
Symptoms of Exposure	No specific symptoms identified.
Carcinogenicity	No ingredients in this product are listed by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex 1.
Other Effects	None identified.
Condition Aggravated By Exposure	None identified.

Section 12 Ecological Information

Ecotoxicity	No information available
Biodegradability	No information available
Mobility	No information available

Section 13 Disposal Considerations

Waste Disposal	Dispose of waste product, unused product and contaminated packaging in compliance with federal, state, and local regulations. If unsure of the requirements, contact the authorities or approved waste disposal companies for information.
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Section 14 Transport Information

Transportation of this product is not regulated under ICATO, IATA, US DOT, European ADR or Canadian TDG.

Section 15 Regulatory Information

US Federal and State Regulations

SARA 313	No ingredients listed
CERCLA RG's 40 CFR 302.4	No ingredients listed
California Proposition 65	No ingredients listed
Massachusetts MSL	No ingredients listed
New Jersey Dept. of Health RTK List	No ingredients listed
Pennsylvania RTK	No ingredients listed

EU

Dangerous Ingredients	None
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Canada

WHMIS Classification:	Not a Controlled Product
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PIN:	None
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Ingredients on Ingredient Disclosure List:	None
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Ingredients with unknown toxicological properties:	None
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Section 16 Other Information

For further information, please contact Sensorex.