

MATERIAL SAFETY DATA SHEET

13-636-430 / EC-636-430/ CP-636-430 (Skylite Electrolyte)

Last updated on 22th March 2012

1. PRODUCT IDENTIFICATION AND COMPANY INFORMATIONS

Product Name:	13-636-430 / EC-636-430 / CP-636-430- Electrolyte solution
Product Number:	01X211251 / 01X211250 / 01X211277- Electrolyte solution
Company Informations:	EUTECH INSTRUMENTS PTE LTD. THERMO FISHER SCIENTIFIC Blk 55, Ayer Rajah Crescent, #04-16/24, Singapore 139949, Website: http://www.eutechinst.com E-mail: eutech@thermofisher.com
Telephone No:	(65) 6778 6876
Fax No:	(65) 6773 0836
Product Use:	Laboratory and Industrial Reagent

2. HAZARD IDENTIFICATION

Chronic Effects/ Carcinogenicity:	None.
According to EU directives	The product is not classified as hazardous chemicals..
HMIS ratings:	Health: 1, Flammability: 0, Reactivity: 0

3. COMPOSITION / INFORMATION ON INGREDIENTS

According to EC directives	The Product contains no substances classified to health or the environment in concentrations, which should be taken into account according to EC directives.
OSHA PEL:	Not Available
ACGIH TLV:	Not Available

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air.
Skin Contact:	Wash areas of contact with soap and water. Call a physician if irritation develops.
Eye Contact:	Immediately rinse out with plenty of water with the eyelid held wide open. Call a physician if irritation develops.
Ingestion:	Make victim drink plenty of water, induce vomiting. Consult doctor if victim is feeling unwell.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Use any means suitable for extinguishing surrounding fire.
Special risks:	Non-combustible
Fire Fighting Instructions:	Use normal procedures/instructions.
Fire Fighting equipment:	Use protective clothing and breathing equipment appropriate for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal safety aspects::	Avoid contact with skin, eyes and clothing.
Cleaning procedure:	Take up with liquid-absorbent material and treat as normal refuse if local regulations allow. Wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes and skin. As with all chemicals wash hands thoroughly after handling. Protect from freezing and physical damage.
Storage:	Keep container tightly closed at room temperature. Recommendation: +15 to +25°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:	Safety shower and eye bath. Mechanical exhaust required.
Industrial hygiene measures:	Change contaminated clothing. Wash hands after working with the substances. A hand lotion is recommended.
Personal Protective Equipment:	
Respiratory protection:	Required when vapors / aerosols are generated.
Hand protection:	Chemical resistant gloves
Eye protection:	Suitable safety glasses or goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, blue color
Odor:	Odorless
pH value at 20°C:	Approximately 8
Boiling temperature (deg C):	Near 100°C
Melting temperature (deg C):	Not available
Solubility in water at 20°C:	Soluble
Vapor Pressure at 20°C:	Not available
Density at 20°C:	7.6
Flash point:	Not available
Ignition temperature:	Not available
Explosion limits:	Lower: not available; Upper: not available

Viscosity:	Not available
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10. STABILITY AND REACTIVITY

Substances to be avoided:	No information available
Hazardous decomposition products:	None
Substances to be avoided:	Metals (corrosion!)

11. TOXICOLOGICAL INFORMATION

Property, which must be anticipated on the basis of chemical/ physical data:	
Ingestion may result in:	Cardiovascular disorders.
Quantitative data on the toxicity:	Not available
Other notes:	No toxic effects are to be expected when the product is handled appropriately.

12. ECOLOGICAL INFORMATION

Ecological problems:	Not ecological problems are to be expected when the product is handled and used with due care and attention.
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13. DISPOSAL CONSIDERATION

Product:	Residual chemical should be disposed by incineration or by other modes of disposal in compliance with local legislation.
Packaging:	Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

14. TRANSPORT INFORMATION

Regulated Product:	Not subject to transport regulations
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15. REGULATORY INFORMATION

OSHA:	The chemical is not hazardous by definition of OSHA Hazard communication standard (29 CFR 1910.1200)
German regulations Water pollution Class	1 (Slightly polluting substances)

16. OTHER INFORMATION

This information is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from the use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and purposes.

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