

Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name : Quality Controls

Product Code : ST-EA-CN-002

Product Line : ST Product Line

Relevant identified uses of the substance or mixture and uses advised against:

Relevant identified uses : For medical use only.

Supplier : Sensa Core Medical Instrumentation Pvt Ltd,
Plot No.3, Export Promotion Industrial Park,
Pashamylaram, Sangareddy District – 502 307.
Telangana

Emergency Telephone Number : +91 – 8455 – 223400

2. HAZARDS IDENTIFICATION

WARNING

Potential Acute Health Effects : Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

Potential Chronic Health Effects : Hazardous in case of ingestion. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of inhalation.

CARCINOGENIC EFFECTS : Not available.

MUTAGENIC EFFECTS : Not available.

TERATOGENIC EFFECTS : Not available.

DEVELOPMENTAL TOXICITY : Not available

Adverse Human Health : Causes skin and serious eye damage.

Effects and Symptoms:



- Material may be irritating to the mucous membranes and upper respiratory tract.
- May be harmful by inhalation, ingestion, or skin absorption.
- May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- May cause respiratory system irritation.
- To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

3. COMPOSITION/INFORMATION OF INGREDIENTS

Quality control kit contains QC 1, QC 2, QC 3, Urine level 1, Urine level 2

Description 1 : QC Level 1:

Electrolytes (Na: 128 mmol/l; K:2.1 mmol/l, iCa: 2.22 mmol/l, Li: 0.6 mmol/l, Cl: 85 mmol/l), Buffer & Preservative

Description 2 : QC Level 2

Electrolytes (Na: 148 mmol/l, K:4.3 mmol/l, iCa: 1.3 mmol/l, Li:1.4 mmol/l, Cl:103 mmol/l, Buffer & Preservative.

Description 3 : QC Level 3

Electrolytes (Na: 172 mmol/l, K:5.8 mmol/l, iCa: 0.6 mmol/l, Li:2.1 mmol/l, Cl:122 mmol/l, Buffer & Preservative.

Description 4 :Urine Level 1

Electrolytes (Na: 55 mmol/l, K:10 mmol/l, Cl:20 mmol/l, Buffer & Preservative.

Description 5 :Urine Level 2

Electrolytes (Na: 105 mmol/l, K:50 mmol/l, iCa: 20 mmol/l, Cl:20 mmol/l, Buffer & Preservative.

4. FIRST AID MEASURES

Inhalation : Consult a Physician. Move to fresh air. If not breathing give artificial respiration.

Skin Contact : Rinse with water. If skin irritation persists contact physician. Remove and wash contaminated clothing before reuse.

Injection : Consult a Physician. Do not induce vomiting without medical advice.

Eye Contact : In case of Contact with eyes, rinse immediately with plenty of water and seek medical advice.

Notes to Physician: None Determined.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media : Use Water Spray or Alcohol Foam.

Unusual Hazards : None Known.

Special Protective Equipment for Fire Fighters : Wear self contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions : Use personal protective equipment. Evacuate personnel to safe areas.
- Environmental Precautions : Prevent further leakage or spillage if safe to do. Prevent product from entering drains.
- Methods for Cleaning up : Never return spills in original container for reuse. Sweep up or vacuum (if powder) or soak up with Absorbent material (if liquid), then place into a suitable clean, dry, closed container, and label disposal.

7. HANDLING AND STORAGE

- Handling : Protect from contamination.
- Storage : Store in accordance with information listed on the product insert..
- Other Precautions : Light Sensitive

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Measures : Use process enclosures, local exhaust ventilation, or other engineering controls to control levels below recommended exposure limits.

Personal Protective Equipment

- Respiratory protection : Respiratory protection is not required under normal use of this product. If respiratory protection is needed, Follow the OSHA regulation, 29CFR1910.134. Always use a NIOSH approved respirator when necessary.
- Hand protection : Wear appropriate protective gloves to prevent skin contact. Replace torn or punctured gloves promptly.
- Skin and body protection : Wear appropriate body protection to prevent skin contact.
- Eye protection : Wear appropriate eye protection to prevent eye contact.
- Hygiene measures : Avoid contact with skin, eyes and clothing.

Work/Hygienic/ Maintenance Do not take internally.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Odor : Odorless.
- Physical state : Liquid.
- Solubility in water: Soluble.
- Color : Colorless
- pH : QC Level1 - 7.2, QC Level2 - 7.34, QC Level3 - 7.5
- Melting point / freezing point No data available
- Initial boiling point and boiling range (°C) No data available

Flash point (°C) No data available
Evaporation rate No data available
Flammability (solid, gas)..... No data available
Upper/lower flammability or explosive limits No data available
Vapour pressureNo data available
Vapour density No data available
Relative density (kg.m-3) No data available
Explosive properties No data available
Oxidizing properties No data available

10. STABILITY AND REACTIVITY

Stability : Stable under recommended storage conditions.
Polymerization : Not applicable.
Hazardous decomposition products : Carbon oxides.
Materials to avoid : Strong acids and strong bases. Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects: The toxicological effects of this product have not been thoroughly studied.

Carcinogenicity : Not Applicable

12. ECOLOGICAL INFORMATION

Bioaccumulation : Not determined.
Aquatic toxicity : No data is available on the product itself.
Ecotoxicity effects : No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Waste disposal must be in accordance with appropriate National, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

14. TRANSPORT INFORMATION

Is product hazardous to ship? : No

DOT:

Proper shipping name: None UN Number: N/A Hazard class: N/A Packing group: N/A

ICAO/IATA:

Proper shipping name: None UN Number: N/A Hazard class: N/A Packing group: N/A

15. REGULATORY INFORMATION

1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
2. The list of chemicals/solutions offered by Sensa Core Medical Instrumentation Pvt Ltd. Products in this list do not require a Safety Data Sheet (SDS).
3. According to OSHA regulations, substances containing more than 1% of a hazardous material or more than 0.1% of an extremely hazardous material require availability of an SDS.
4. According to the GHS revision 6.0 we had implemented the above changes of this SDS (Safety data Sheet).

16. OTHER INFORMATION

Reason for revision : Due to the changes done in GHS June 1st 2015, Rev. 06

References : GHS Rev. 06

Additional advice : None

Prepared by : Sensa Core Medical Instrumentation Pvt Ltd, Telangana, India, Phone : +91-8455-223400

The information, data and recommendations contained herein are based upon information believed by Sensa Core Medical Instrumentation's Operations after reasonable investigation and research, to be accurate; however, Sensa Core Medical Instrumentation's Operations does not warrant the accuracy of this information. All materials and mixtures may present unknown hazards and should be used with caution. When necessary or appropriate, independent opinions regarding the risk of handling or exposure should be obtained from trained professionals. Sensa Core Medical Instrumentation's operations disclaim any warranty against patent infringement and the implied warranties of merchantability and fitness for a particular purpose. Customer's sole and exclusive remedy shall be replacement of the product or return of the product and refund of the purchase price, at Sensa Core Medical Instrumentation but, Sensa Core is not responsible for any damages caused by improper use and handling of the product.

Operations's option: In no case shall Sensa Core Medical Instrumentation's Operations be liable for incidental or consequential damages, including lost profits.

End of Safety Data Sheet.

Approved By



Dr. H. C. B. Kalachar (Ph.D)
Chemistry Department,
Quality Assurance.