

Safety Data Sheet

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

Product Name : Reagent Pack - Universal

Product Code : ST-EA-CN-003

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, INDIA

Emergency Telephone Number : +91 – 8455 – 223400

2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture

The kit of Universal REAGENT PACK is **not classified** as dangerous.

2.2 Label elements (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.

3. COMPOSITION/INFORMATION OF INGREDIENTS

Description 1 : Basic Calibrator (Cal A) 800 ml

Electrolytes (Na: 147 mmol/l, K: 4.1 mmol/l, iCa: 1.4 mmol/l, Li: 0.3 mmol/l, Cl: 131 mmol/l), Buffer and Preservative.

Description 2 : Acidic Calibrator (Cal B) 280 ml

Electrolytes (Na: 70 mmol/l, K:2.1 mmol/l, iCa: 2.90 mmol/l, Li: 2.0 mmol/l, Cl: 63.0 mmol/l), Buffer and Preservative.

4. FIRST AID MEASURES

Inhalation : Discontinue the exposure, remove casualty to fresh air, keep at rest and seek medical advice.

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

Ingestion : Rinse mouth with water, drink 1/2 l of lukewarm water, seek medical attention immediately, do not induce vomiting.

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 Dry Chemical, CO₂, 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 : 7.2 ± 2

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 pressure No 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 Sensacore 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 1 2015 Rev. 06

References : GHS (rev.06)

Additional advice : None

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

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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


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Chemistry Department
Quality Assurance.