

# Safety Data Sheet



Healthcare and Diagnostic Products

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

Product Name : Aviva Deproteinizer Solution

Product Code : R-C-1005

Product Line : Aviva Product Line

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

Relevant identified uses : To remove protein from the sample flow path in Electrolyte analyzer.

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

**WARNING! CORROSIVE. CAUSES SEVERE IRRITATION AND HARMFUL IF SWALLOWED OR INHALED.**

**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

Description 1 : 1 bottle contains 100 ml of solution with known Preservatives, Alkaline Solution and Water.

### 4. FIRST AID MEASURES

Inhalation : May cause irritation to respiratory track.

Skin Contact : Substance may cause slight skin irritation. Rinse with water.

Injection : Injection may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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, CO<sub>2</sub>, 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. Remove all sources of ignition.

Environmental Precautions : Prevent further leakage or spillage if safe to do. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Do not let the product enter 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 : O d o r l e s s

Physical state : Liquid

Solubility in water: Soluble

Color : Colorless

pH : less than 3

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 : Thermal decomposition can lead to release of irritating gases and vapours. Sodium oxides.

Materials to avoid : Incompatible with Strong acids and bases. Strong oxidizing agents. Heavy Metals

## 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 : Not applicable

References : None

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.

Operation'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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HOD, Chemistry  
Quality Assurance.