

SAFETY DATA SHEET

SDS QRR010933

Version: D08-EN (26-04-2022)

According to Regulation (EC) 1907/2006, Article 31

SECTION 1 IDENTIFICATION OF SUBSTANCE AND COMPANY

1.1 Product identifier

Trade name Starrsed Saline

Article number QRR 010933

1.2 Relevant identified uses of the substance or mixture and uses advised against Product for the automatic cleaning of the needle and fill-nozzle assembly in Starrsed ESR analyzers.

1.3 Details of the supplier of the safety data sheet Mechatronics Instruments B.V.
P.O. Box 225
1620 AE Hoorn
The Netherlands
Phone: +31 229 291 129
Fax: +31 229 241 534

Informing department **Contact:** Support Department
Email: support@rrmechatronics.com

1.4 Emergency telephone number Support
During normal office hours (8 a.m. till 4:30 p.m., GMT+1)
Phone: +31 229 291 129

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: The product has not been classified as hazardous according to the legislation in force.

Classification according to Regulation (EC) 1272/2008 (CLP) Not classified

2.2 Label elements Not applicable.

2.3 Other hazards No data available

SECTION 3 COMPOSITION / DATA ON COMPONENTS

3.2 Mixtures

Dangerous components No hazardous ingredients

SECTION 4 FIRST AID MEASURES

| | |
|---|---|
| General information | Get medical advice/attention if you feel unwell. |
| 4.1 Description of first aid measures | |
| After inhalation | Supply fresh air; consult doctor in case of symptoms. |
| After skin contact | Wash skin thoroughly with soap and water, If skin irritation occurs: Get medical advice/attention. |
| After eye contact | If eye irritation persists: Get medical advice/attention. Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. |
| After swallowing | Rinse mouth. Get medical attention if symptoms occur. Never give liquid to an unconscious person. |
| 4.2 Most important symptoms and effects, both acute and delayed | May cause irritation to skin, eyes and respiratory tract. |
| 4.3 Indication of any immediate medical attention and special treatment needed | |
| Hazards | No information about adverse effects due to exposure. |
| Treatment | Treat symptomatically. Symptoms may be delayed. |

SECTION 5 FIRE FIGHTING MEASURES

| | |
|--|---|
| 5.1 Extinguishing media | |
| Suitable extinguishing agents | Use fire-extinguishing media appropriate for surrounding materials. |
| 5.2 Special hazards arising from the substance or mixture | None known. |
| 5.3 Advice for firefighters | Fight fire with normal precautions from a reasonable distance. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment |

SECTION 6 ACCIDENTAL RELEASE MEASURES

| | |
|--|--|
| 6.1 Personal precautions, protective equipment and emergency procedures | Keep unprotected persons away. |
| 6.2 Environmental precautions | Do not allow product to reach sewage system. |
| 6.3 Methods and material for containment and cleaning up | Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust). |
| 6.4 Reference to other sections | Information conc. safe use - see sec. 7 Information conc. personal protection - see sec .8 Information conc. salvage - see sec. 13 |

SECTION 7 HANDLING AND STORAGE

| | |
|---|---|
| 7.1 Precautions for safe handling | Protective work clothing. Instantly remove any soiled and impregnated garments. Keep away from foodstuffs, beverages and food. Wash hands during breaks and at the end of the work. |
| 7.2 Conditions for safe storage, including any incompatibilities | Store in cool, dry conditions in well sealed containers. |
| 7.3 Specific end use(s) | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. |

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with critical values that require monitoring at the workplace The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information The lists that were valid during the compilation were used as basis.

8.2 Exposure control

Personal protective equipment

General protective and hygienic measures The usual precautionary measures should be adhered to in handling the chemicals.

Respiratory Protection Not required.

Protection of hands Protective gloves must be worn with the CE-label including the four control digits. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374.

full contact:

splash contact:

| | | |
|--------------------|----------------|----------------|
| Glove material | Nitrile rubber | Nitrile rubber |
| Glove thickness | 0,11 mm | 0,11 mm |
| Break through time | 480 min | 480 min |

Eye protection Safety glasses.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

| | |
|-------------------------|-------------------|
| Form | Liquid. |
| Colour | Colourless. |
| Odeur | Odourless. |
| Odeur threshold | No data available |
| pH-value at 20°C | No data available |

| | |
|---|---|
| Melting point/freezing point | 0°C |
| Boiling temperature | 100°C |
| Flash point | Not applicable. |
| Evaporation rate | No data available |
| Flammability (solid, gas) | Product is not self-igniting. |
| Vapour pressure | 1.100 hPa |
| Density at 20°C: | 1.02 g/cm ³ @ 25°C |
| Relative density | No data available |
| Vapour density | No data available |
| Solubility(ies) | No data available |
| Solubility in water | No data available |
| Solubility(others) | No data available |
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | |
| Dynamic | No data available |
| Kinematic | No data available |
| Explosive properties | Product is not explosive. |
| Oxidizing properties: | No data available |
| 9.2 Other information | No further relevant information available |

SECTION 10 STABILITY AND REACTIVITY

| | |
|--|---|
| 10.1 Reactivity | No dangerous reactions known under conditions of normal use |
| 10.2 Chemical stability | Material is stable under normal conditions |
| 10.3 Possibility of hazardous reactions | Hazardous polymerization does not occur. |
| 10.4 Conditions to avoid | No special precautions. |
| 10.5 Incompatible materials | None known. |
| 10.6 Hazardous decomposition products | Not determined. |

SECTION 11 TOXICOLOGICAL INFORMATION

| | |
|--|----------------|
| 11.1 Information on toxicological effects | |
| Acute toxicity | Not classified |

| | |
|--|--|
| Skin corrosion/irritation | Not known. |
| Serious eye damage/eye irritation | Not known. |
| Respiratory or skin sensitisation | Not a skin nor a respiratory sensitizer |
| Germ cell mutagenicity | No mutagenic components identified |
| Carcinogenicity | This substance has no evidence of carcinogenic properties. |
| Reproductive toxicity | No components toxic to reproduction |
| STOT-single exposure | None known. |
| STOT-repeated exposure | None known. |
| Aspiration hazard | Not classified |

SECTION 12 ECOLOGICAL INFORMATION

| | |
|--|-------------------|
| 12.1 Toxicity | No data available |
| 12.2 Persistence and degradability | No data available |
| 12.3 Bioaccumulative potential | No data available |
| 12.4 Mobility in soil | No data available |
| 12.5 Results of PBT and vPvB assessment | Not available. |
| 12.6 Other adverse effects | No data available |

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

| | |
|----------------------------|--|
| General information | No data available |
| Disposal methods | Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations. |

SECTION 14 TRANSPORT INFORMATION

14.1 UN number

| | |
|-----------------------------|--|
| ADR, ADN, IMDG, IATA | Not classified as a dangerous good under transport regulations |
|-----------------------------|--|

14.2 UN proper shipping name

| | |
|-----------------------------|--|
| ADR, ADN, IMDG, IATA | Not classified as a dangerous good under transport regulations |
|-----------------------------|--|

14.3 Transport hazard class(es)

| | |
|-----------------------------|--|
| ADR, ADN, IMDG, IATA | Not classified as a dangerous good under transport regulations |
|-----------------------------|--|

14.4 Packing group

ADR, IMDG, IATA Not classified as a dangerous good under transport regulations

14.5 Environmental hazards

Marine pollutant: Void

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

UN "Model regulation" Void

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Designation according to EC guidelines:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII) Regulation (EC) No 1907/2006 (REACH).

EU 166/2006 PRTR

| <i>Chemical name</i> | <i>CAS No</i> | <i>Concentration</i> |
|----------------------|---------------|----------------------|
| Sodium chloride | 764714-5 | 0,1 - 1.0% |

Directive (EC) No 98/24C

| <i>Chemical name</i> | <i>CAS No</i> | <i>Concentration</i> |
|----------------------|---------------|----------------------|
| SODIUM AZIDE | 2628-22-8 | 01 -<1,0% |

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

SECTION 16 OTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.