

SAFETY DATA SHEET

MSDS QRR010946

Version: D05-EN (12-05-2022)

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

Section 1 Identification of substance and company

1.1 Product identifier

Trade name Starrsed X-Clean

Article number QRR 010946

1.2 Relevant identified uses of the substance or mixture and uses advised against Product for the automatic cleaning of the Westergren pipettes in Starrsed ST.

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
ColourBoiling temperature	100°C
Flash point	Not applicable.
Evaporation rate	No data available
Flammability (solid, gas)	Product is not self-igniting.
Vapour pressure	No data available
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	7647-14-5	0,1 - 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.