

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) 2020/878)

10X Stringent Wash Buffer - 200µl

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	10X Stringent Wash Buffer - 200µl
Product code	10011931

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture	No information available.
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1.3. Details of the supplier of the safety data sheet

Company/Undertaking Identification	SOPHiA GENETICS SA La Pièce 12 CH-1180 Rolle Switzerland +41 21 694 10 60 http://www.sophiagenetics.com
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1.4. Emergency telephone number	local: 145 (Tox Info Suisse) international: +41 44 251 51 51
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Revision date	24.04.2025
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Version	GHS 2
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

The substance or mixture is not classified.

In accordance with Regulation (EC) No. 1272/2008, the product does not need to be classified nor labelled.

Additional information

For the full text of the phrases mentioned in this Section, see Section 16.

2.2. Label elements

Signal Word

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Hazard Statements

None.

Precautionary statements

None.

Supplemental information

None.

Product identifier

Not required.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Components	Weight %	CLP Classification	Product identifier
Ethylenediaminetetraacetic acid, disodium salt	2,5%	Acute Tox. 4 H302, Acute Tox. 4 H332, Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT RE 2 H373i (Respiratory Tract)	CAS-No.: 6381-92-6 EC-No.: 613-386-6
Sodium Chloride	2,5%		CAS-No.: 7647-14-5 EC-No.: 231-598-3

For the full text of the phrases mentioned in this Section, see Section 16.

Hazardous impurities

None known.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

No special measures required.

Skin contact

Wash with water and soap as a precaution.

Eye contact

Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

Ingestion	Clean mouth with water and drink afterwards plenty of water.
4.2. Most important symptoms and effects, both acute and delayed	The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
4.3. Indication of any immediate medical attention and special treatment needed	None known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide. No special measures required.

Unsuitable extinguishing media High volume water jet.

5.2. Special hazards arising from the substance or mixture The product is not flammable.

5.3. Advice for firefighters

Special protective equipment for firefighters Standard procedure for chemical fires.

Specific methods No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel No special measures required.

For emergency responders Forms slippery/greasy layers with water.

6.2. Environmental precautions No special environmental precautions required.

6.3. Methods and material for containment and cleaning up Clean up promptly by sweeping or vacuum. After cleaning, flush away traces with water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling No special technical protective measures required.

7.2. Conditions for safe storage, including any incompatibilities Store at room temperature in the original container.

7.3. Specific end use(s) No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s) No data is available on the product itself.

8.2. Exposure controls

Appropriate engineering controls General industrial hygiene practice.

Personal protection equipment

Respiratory protection No special protective equipment required.

Hand protection Gloves made of Nitril. The selected protective gloves have to satisfy the specifications of Regulation (EU) No. 2016/425 and the standard EN 374 derived from it.

Eye protection Avoid contact with eyes.

Skin and body protection No special measures required.

Thermal hazards No special measures required.

Environmental exposure controls No special measures required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Colourless.
Odour	Odorless.
Melting point/ freezing point:	Not determined.
Boiling point or initial boiling point / range:	Not determined.
Flammability:	non-flammable
Lower and upper explosion limit:	Not determined.
Flash point:	Not determined.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH:	Not applicable.
Kinematic viscosity:	Not determined.
Solubility:	Not determined.
Partition coefficient n-octanol/water (log value):	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density:	Not determined.
Relative vapour density:	Not determined.

Particle characteristics: Not applicable.

9.2. Other information

9.2.1 Information with regard to physical hazard classes No information available.

9.2.2 Other safety characteristics No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity No information available.

10.2. Chemical stability No decomposition if used as directed.

10.3. Possibility of hazardous reactions No information available.

10.4. Conditions to avoid Vapours in contact with fire or red-hot surfaces may form decomposition products with highly irritating and warning effects.

10.5. Incompatible materials Acids and bases. Oxidizing agents.

10.6. Hazardous decomposition products None under normal use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity **Sodium Chloride (CAS 7647-14-5)**
Dermal LD50 Rabbit > 10000 mg/kg (ECHA)
Inhalation LC50 Rat > 42 mg/L 1 h(ECHA_API)
Oral LD50 Rat = 3550 mg/kg (ECHA)

Skin corrosion/irritation Negligible.

Serious eye damage/eye irritation Contact with eyes may cause irritation.

Respiratory or skin sensitisation None.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Germ cell mutagenicity Contains no ingredient listed as a mutagen.

Reproductive toxicity Contains no ingredient listed as toxic to reproduction.

Specific target organ toxicity - Single exposure No data available.

Specific target organ toxicity - Repeated exposure No data available.

Aspiration hazard	No data available.
Human experience	This product has no known adverse effect on human health.

11.2. Information on other hazards

Endocrine disrupting properties	Contains no endocrine disrupting chemicals.
Other information	No data available.

SECTION 12: Ecological information

12.1. Toxicity	No data available.
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Ethylenediaminetetraacetic acid, disodium salt (CAS 6381-92-6)

Ecotoxicity - Freshwater Fish - Acute Toxicity Data "LC50 96 h Poecilia reticulata 320 mg/L [semi-static] (IUCLID)" As Disodium EDTA [139-33-3]

Sodium Chloride (CAS 7647-14-5)

Ecotoxicity - Earthworm - Acute Toxicity Data LC50 48 h Eisenia foetida 0.1 - 1 mg/cm² [filter paper] (IUCLID)

Ecotoxicity - Water Flea - Acute Toxicity Data EC50 48 h Daphnia magna 1000 mg/L (IUCLID)
EC50 48 h Daphnia magna 340.7 - 469.2 mg/L [Static] (EPA)

12.2. Persistence and degradability	Readily biodegradable.
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12.3. Bioaccumulative potential	Does not bioaccumulate.
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12.4. Mobility in soil	No data available.
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12.5. Results of PBT and vPvB assessment	This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
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12.6. Endocrine disrupting properties	Contains no endocrine disrupting chemicals.
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12.7. Other adverse effects	No information available.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues / unused products	Dispose of in accordance with local regulations. European Waste catalogue code (EWC-code): 07 07 99. (corresponds to the VeVA Code - Ordinance on the Movement of Waste)
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Contaminated packaging	Offer rinsed packaging material to local recycling facilities.
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SECTION 14: Transport information

14.1. UN number or ID number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Not applicable.
14.6. Special precautions for user	Not applicable.
14.7. Maritime transport in bulk according to IMO instruments	Not applicable.
UN Model Regulations	
ADR/RID	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.
Further Information	Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

Regulatory Information	In accordance with Regulation (EC) No. 1272/2008, the product does not need to be classified nor labelled. Water contaminating class (WGK Germany) = 1. Storage class 12.
Ethylenediaminetetraacetic acid, disodium salt (CAS 6381-92-6)	
Switzerland - Chemical Risk Reduction Ordinance - Prohibited and Restricted Substances	"Use restricted. See annexes 2.1, 2.2 in the regulation (also compounds)" As Ethylenediaminetetraacetic acid salts [RR-14063-6]
EU - Plant Protection Products (1107/2009/EC) - Active Substances Not Included in the Annex to Regulation 540/2011/EC	"Not included in Annex I to Directive 540/2011/EC" As EDTA salts [RR-14063-6]
EU - REACH (1907/2006) - List of Registered Substances	Present
Sodium Chloride (CAS 7647-14-5)	
Switzerland - Biocides - Annex II - Active Substances - Minimum Purity	Sunset Date: 06/30/2031 (active Chlorine generating by electrolysis refer to source for extra information) Sunset Date: 06/30/2032 (active Chlorine generating by electrolysis refer to source for extra information)
Switzerland - Biocides - Annex II - Active Substances - Product Type	Product Type: 1 (generated active Chlorine, by electrolysis) Product Type: 2 (generated active Chlorine, by electrolysis) Product Type: 3 (generated active Chlorine, by electrolysis) Product Type: 4 (generated active Chlorine, by electrolysis)

Switzerland - Chemical Risk Reduction Ordinance - Prohibited and Restricted Substances	Product Type: 5 (generated active Chlorine, by electrolysis) Use restricted. See annex 2.7 in the regulation (also preparations)
Switzerland - Water Protection Ordinance - Water Polluting Liquids Classification	B (solution)
EU - Biocides (2007/565/EC) - Substances and Product-Types Not to Be Included in Annexes I, IA and IB to Directive 98/8/EC	Product type: 5
EU - Biocides (528/2012/EU) - Active Substances	1 - Human hygiene (Commission Implementing Regulation 2021/364/EU by electrolysis) Sodium chloride shall be used in accordance with the specific conditions included in the conclusions of the review report on Sodium chloride (SANTE/10383/2017) and in particular Appendices I and II thereof (details in Commission Implementing Regulation 2021/556/EU, listed under part C) "2000000 kg/yr TQ (water as total Cl) 2000000 kg/yr TQ (land as total Cl)" As Chlorides [RR-12853-0] "Present ([910-268-9])" As Reaction mass of sodium chloride and sodium hydroxide [RR-89887-3]; "Present ([908-570-0])" As Reaction mass of sodium carbonate and sodium chloride and sodium sulphate [RR-93102-2]; "Present ([913-600-0])" As Reaction mass of sodium chloride and sodium iodide and sodium sulphate [RR-99775-1] Present
EU - Plant Protection Products (1107/2009/EC) - Active Substances	
EU - European Pollutant Release and Transfer Register (E-PRTR) (166/2006) - Threshold Quantities	
EU - REACH (1907/2006) - List of Registered Intermediates	
EU - REACH (1907/2006) - List of Registered Substances	
UNECE - Kiev Protocol on Pollutant Release and Transfer Registers (PRTR) - Annex II - Column 1b - Releases to Water	"2000000 kg/yr (as total Cl)" As Chlorides [RR-12853-0]
UNECE - Kiev Protocol on Pollutant Release and Transfer Registers (PRTR) - Annex II - Column 1c - Releases to Land	"2000000 kg/yr (as total Cl)" As Chlorides [RR-12853-0]
UNECE - Kiev Protocol on Pollutant Release and Transfer Registers (PRTR) - Annex II - Column 2	"2000000 kg/yr (as total Cl)" As Chlorides [RR-12853-0]
UNECE - Kiev Protocol on Pollutant Release and Transfer Registers (PRTR) - Annex II - Column 3	"10000 kg/yr (as total Cl)" As Chlorides [RR-12853-0]
15.2. Chemical safety assessment	Not required.

SECTION 16: Other information

Key or legend to abbreviations and acronyms

CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS)
EWC: European Waste catalogue code
VeVA: Ordinance on the Treatment of Waste (SR 814.610)

Key literature references and sources for data

Sources of key data used to compile the Safety Data Sheet: REACH, ECHA.

Full text of phrases referred to under sections 2 and 3

H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure if inhaled.

Training advice

For further information, refer to the product technical data sheet.

Instructions for use

Restricted to professional users.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Document Approvals

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