



Genemed SSC Buffer (20X)

Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Issue date: 01/15/2025

Revision date: N/A Version: A

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Genemed SSC Buffer (20X)
Product code : 10-0029

1.2. Recommended use and restrictions on use

General Laboratory Reagent

1.3. Supplier

Sakura Finetek USA Inc.
1750 West 214th St.
Torrance, CA 90501
T 1-310-972-7800

1.4. Emergency telephone number

CHEMTREC 1-800-424-9300
Email: SDSsupport@sakuraus.com

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

This product is not categorized as hazardous in any GHS hazard class

2.2. GHS Label elements, including precautionary statements

GHS US labeling

None Required.

2.3. Other hazards which do not result in classification

Data not available.

2.4. Unknown acute toxicity (GHS US)

Data not available.

SECTION 3: Composition/Information on ingredients

3.1. Substances

Mixtures

3.2. Mixtures

Name	CAS Number	%
Water	7732-18-5	90.00
Sodium Citrate Dihydrate	6132-04-3	10.00

The specific chemical component identities and/or the exact component percentages of this material may be withheld as trade secrets.

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This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (I)(1). Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, mutagen, and reproductive toxicant, respiratory tract and skin sensitizers in addition to oral/ inhalation acute toxicant in category 1 and 2). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Not expected to require first aid. If necessary, remove to fresh air.
First-aid measures after skin contact : May cause slight irritation.
First-aid measures after eye contact : May cause slight irritation.
First-aid measures after ingestion : Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

4.2. Most important symptoms and effects (acute and delayed)

Non-flammable, non-toxic, non-corrosive. Does not present any significant health hazard. Wash areas of contact with water. EYE CONTACT: May cause slight irritation. SKIN CONTACT: May cause slight irritation.

4.3. Immediate medical attention and special treatment, if necessary

Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops. Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Wash areas of contact with soap and water for at least 15 minutes. Call a physician if irritation develops. Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

Enter available information SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use any means suitable for extinguishing surrounding fire.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Not considered to be a fire or explosion hazard.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Use protective clothing and breathing equipment appropriate for the surrounding fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Wear appropriate PPE for the size and nature of the spill. As a general rule, wear safety glasses and gloves.

6.1.2. For emergency responders

Protective equipment : None

6.2. Environmental precautions

None

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb with suitable material (paper towels, etc.) and treat as normal refuse if local regulations allow. Liquid may be flushed to the sewer. Always dispose of in accordance with local, state and federal regulations.

Other information : None

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6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin.

Hygiene measures : Wash hands thoroughly after handling

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from freezing and physical damage.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Data not available.

8.2. Appropriate engineering controls

Appropriate engineering controls : No specific controls are needed. Normal room ventilation is adequate.

Environmental exposure controls : Data not available.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Chemical resistant gloves.
Eye protection:
Safety glasses or goggles.
Skin and body protection:
Chemical resistant gloves.
Respiratory protection:
Normal room ventilation is adequate.

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Colorless
Odor : Data not available
Odor threshold : Data not available
pH : Approximately 8

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Melting point	: Data not available
Freezing point	: Data not available
Boiling point	: Approximately 100°C
Flash point	: Data not available
Relative evaporation rate (butyl acetate=1)	: Data not available
Flammability	: Data not available
Vapor pressure	: Data not available
Relative vapor density at 20°C	: Data not available
Relative density	: 1.06
Solubility	: Miscible
Partition coefficient n-octanol/water (Log Pow)	: Data not available
Auto-ignition temperature	: Data not available
Decomposition temperature	: Data not available
Viscosity, kinematic	: Data not available
Viscosity, dynamic	: Data not available
Explosion limits	: Data not available
Explosive properties	: Data not available
Oxidizing properties	: Data not available

9.2. Other information

Enter available information

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions of use and storage.

10.2. Chemical stability

Stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

Data not available.

10.4. Conditions to avoid

Strong Oxidizers.

10.5. Incompatible materials

Strong Oxidizers.

10.6. Hazardous decomposition products

Will not occur.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not applicable.
Acute toxicity (dermal)	: Not applicable.
Acute toxicity (inhalation)	: Not applicable.
Skin corrosion/irritation	: Not applicable.
Serious eye damage/irritation	: Not applicable.
Respiratory or skin sensitization	: Not applicable.
Germ cell mutagenicity	: Not applicable.
Carcinogenicity	: Not applicable.
Reproductive toxicity	: Not applicable.

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STOT-single exposure : Not applicable.
STOT-repeated exposure : Not applicable.
Aspiration hazard : Not applicable.
Viscosity, kinematic : Not applicable.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not applicable.

12.2. Persistence and degradability

Not applicable.

12.3. Bioaccumulative potential

Not applicable.

12.4. Mobility in soil

Not applicable.

12.5. Other adverse effects

Not applicable.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Not applicable.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

14.1. UN number

Not regulated according to DOT Regulations.

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable.
Proper Shipping Name (IMDG) : Not applicable.
Proper Shipping Name (IATA) : Not applicable.

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable.

IMDG

Transport hazard class(es) (IMDG) : Not applicable.

IATA

Transport hazard class(es) (IATA) : Not applicable.

14.4. Packing group

Packing group (DOT) : Not applicable.
Packing group (IMDG) : Not applicable.
Packing group (IATA) : Not applicable.

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14.5. Environmental hazards

Other information : Not applicable.

14.6. Special precautions for user

DOT

Not applicable.

IMDG

Not applicable.

IATA

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. US Federal regulations

Not listed.

15.2. International regulations

Canada

Sodium Citrate Dihydrate (CAS # 6132-04-3): Present (DSL) and (NDSL)

Water (CAS # 7732-18-5): Present (DSL)

EU

List of Notified Chemical Substances (ELINCS), and No Longer Polymers (NLP)

Sodium Citrate Dihydrate (CAS # 6132-04-3): 200-675-3

Sodium Citrate Dihydrate (CAS # 6132-04-3): 213-618-2

Water (CAS # 7732-18-5): 231-791-2

Water (CAS # 7732-18-5): 232-148-9

15.3. US State regulations

All components of this solution are listed as active on the TSCA Inventory or are mixtures (hydrates) of active items listed on the TSCA Inventory.

Sodium Citrate Dihydrate (CAS # 6132-04-3): Present

Water (CAS # 7732-18-5): Present

Pennsylvania Right-to-Know Hazardous Substances

Water (CAS # 7732-18-5): Present

California Proposition 65

Not listed.

SECTION 16: Other information

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Sakura Finetek USA, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.