



Tissue-Tek Prisma® Bluing Reagent, part of Tissue-Tek Prisma® H&E Stain Kit #1

Safety Data Sheet

US-SDS according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)
Issue date: 12/19/2017
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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Tissue-Tek Prisma® Bluing Reagent, part of Tissue-Tek Prisma® H&E Stain Kit #1
Product code : 6194, part of 6190

1.2. Recommended use and restrictions on use

For use on Sakura Finetek Tissue-Tek Prisma® and Tissue-Tek Prisma® Plus Automated Slide Stainers.

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

Not classified as hazardous substance.

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Not a hazardous substance.

2.3. Other hazards which do not result in classification

Not a hazardous substance.

2.4. Unknown acute toxicity (GHS US)

None as defined under 29 CFR 1900.1200.

SECTION 3: Composition/Information on ingredients

3.1. Substances

Enter applicable information

3.2. Mixtures

Name	CAS Number	%
Sodium Bicarbonate	144-55-8	0.2%
Magnesium Sulfate	10034-99-8	2%

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Name	CAS Number	%
Biocide	*	0.1%

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

This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (l)(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	: Remove victim to fresh air if coughing or difficulty in breathing is experienced. Consult a physician if symptoms persist or worsen. Administer oxygen or artificial respiration as needed.
First-aid measures after skin contact	: Remove contaminated clothing, including footwear; wash before reuse or discard. For minor exposure, wash affected area with water and mild soap, rinsing thoroughly. In cases of prolonged, repeated or extensive exposure, rinse affected area or entire body for at least 15 minutes. Consult a physician.
First-aid measures after eye contact	: Flush eyes for at least 15 minutes in an eyewash station. Consult a physician.
First-aid measures after ingestion	: Call a poison center immediately.

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

No information available.

4.3. Immediate medical attention and special treatment, if necessary

See listed first-aid procedures. No information available for special treatment. Treat according to symptoms.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media Use media to extinguish surrounding fire.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire No information available.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Fire-fighters may wear self-contained breathing apparatus if necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : No adverse health effects expected. Follow general good laboratory practices and wear appropriate personal protective equipment.

6.1.2. For emergency responders

Protective equipment : N/A

6.2. Environmental precautions

N/A

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6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Wash area with soap and water

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 : Follow general good laboratory practices and wear appropriate personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep containers tightly closed. Store at room temperature.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

US. ACGIH Threshold Limit Values			
Components	Type	Exposure Limit	Form
Sodium Bicarbonate	144-55-8	None Established	
Magnesium Sulfate	10034-99-8	None Established	
Biocide	*	None established	

8.2. Appropriate engineering controls

Appropriate engineering controls : Good general room ventilation.

8.3. Individual protection measures/Personal protective equipment

Hand protection: Wear nitrile or chemical resistant gloves. Do not use latex surgical gloves for protection. Safety shower must be nearby, no more than 10 seconds away.
Eye protection: Use splash-proof goggles. An eyewash station must be nearby, no more than 10 seconds away.
Skin and body protection: Wear nitrile or chemical resistant gloves. Do not use latex surgical gloves for protection. Safety shower must be nearby, no more than 10 seconds away.
Respiratory protection: None needed.

Personal protective equipment symbol(s):



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Colorless
Odor	: None
Odor threshold	: None
pH	: 7.5 – 8.5
Melting point	: No information available.
Freezing point	: No information available.
Boiling point	: No information available.
Flash point	: No information available.
Relative evaporation rate (butyl acetate=1)	: No information available.
Flammability	: No information available.
Vapor pressure	: No information available.
Relative vapor density at 20°C	: No information available.
Relative density	: No information available.
Solubility	: (Water) Complete
Partition coefficient n-octanol/water (Log Pow)	: No information available.
Auto-ignition temperature	: No information available.
Decomposition temperature	: No information available.
Viscosity, kinematic	: No information available.
Viscosity, dynamic	: No information available.
Explosion limits	: No information available.
Explosive properties	: No information available.
Oxidizing properties	: No information available.

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions if stored and handled as indicated.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

The product is chemically stable.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Due to the dilute nature of this alkaline product, this product is only slightly reactive with acids.

10.6. Hazardous decomposition products

No information available.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: No information is known
Acute toxicity (dermal)	: Likely route of exposure
Acute toxicity (inhalation)	: No information is known
Skin corrosion/irritation	: Likely route of exposure
Serious eye damage/irritation	: Likely route of exposure
Respiratory or skin sensitization	: No information is known
Germ cell mutagenicity	: No information is known
Carcinogenicity	: None as defined by 29 CFR 1900.1200
Reproductive toxicity	: No information is known
STOT-single exposure	: No information is known
STOT-repeated exposure	: No information is known
Aspiration hazard	: No information is known
Viscosity, kinematic	: No information is known

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This solution is not expected to be harmful to the environment.

12.2. Persistence and degradability

No environmental information is known.

12.3. Bioaccumulative potential

No environmental information is known.

12.4. Mobility in soil

No environmental information is known.

12.5. Other adverse effects

No environmental information is known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Drain disposal may be possible with the permission of local wastewater treatment authorities. Otherwise contact a licensed professional waste disposal service to dispose of this material. Proper waste disposal is the generator's responsibility. Follow federal, state (provincial) and local regulations.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

14.1. UN number

Not regulated as a dangerous good.

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not regulated as a dangerous good
Proper Shipping Name (IMDG) : Not regulated as a dangerous good

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Proper Shipping Name (IATA) : Not regulated as a dangerous good

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not regulated as a dangerous good

IMDG

Transport hazard class(es) (IMDG) : Not regulated as a dangerous good

IATA

Transport hazard class(es) (IATA) : Not regulated as a dangerous good

14.4. Packing group

Packing group (DOT) : Not regulated as a dangerous good

Packing group (IMDG) : Not regulated as a dangerous good

Packing group (IATA) : Not regulated as a dangerous good

14.5. Environmental hazards

Other information : Not regulated as a dangerous good

14.6. Special precautions for user

DOT

Not regulated as a dangerous good

IMDG

Not regulated as a dangerous good

IATA

Not regulated as a dangerous good

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

Not regulated as a dangerous good

SECTION 15: Regulatory information

15.1. US Federal regulations

This product is not considered hazardous per 29 CFR 1910.1200.

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15.2. International regulations

Country(s) or Region	Inventory Name	On Inventory (Yes/No)*
Australia	Australian Inventory of Chemical Substances (AICS)	N/A
Canada	Domestic Substances List (DSL)	N/A
Canada	Non-Domestic Substances List (NDSL)	N/A
China	Inventory of Existing Chemical Substances in China (IECSC)	N/A
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	N/A
Europe	European List of Notified Chemical Substances (ELINCS)	N/A
Japan	Inventory of Existing and New Chemical Substances (ENCS)	N/A
Korea	Existing Chemicals List (ECL)	N/A
New Zealand	New Zealand Inventory	N/A
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	N/A
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	N/A

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

15.3. US State regulations

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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.