



Tissue-Tek® FormaGO® Formalin Absorption Pads

Safety Data Sheet

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

Issue date: 11/02/2015

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SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Tissue-Tek® FormaGO® Formalin Absorption Pads
Product code : 9155, 9156, and 9157

1.2. Recommended use and restrictions on use

Aldehyde absorbent

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.

2.2. GHS Label elements, including precautionary statements

GHS US labeling - Not classified.

Signal word

None.

Hazard statement

The mixture does not meet the criteria for classification.

Precautionary statement

Prevention - Observe good industrial hygiene practices.

Response - Wash hands after handling.

Storage - Store away from incompatible materials.

Disposal - Dispose of waste and residues in accordance with local authority requirements.

2.3. Other hazards which do not result in classification

None known.

2.4. Unknown acute toxicity (GHS US)

None known.

SECTION 3: Composition/Information on ingredients

3.1. Substances

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

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SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Not relevant, due to the form of the product.
First-aid measures after skin contact : Wash off with soap and water. No adverse effects due to skin contact are expected.
First-aid measures after eye contact : Not likely, due to the form of the product.
First-aid measures after ingestion : First aid normally not needed for small amounts ingested by transferring from hand to mouth.

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

Acute exposures not expected to produce symptomatic response. May cause temporary irritation on skin or eye contact.
This product is not expected to produce adverse effects under normal conditions of use and appropriate personal hygiene.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : During fire, gases hazardous to health may be formed

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Use methods for the surrounding fire.
Use standard firefighting procedures and consider the hazards of other involved materials.
Material will burn in a fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

6.1.2. For emergency responders

Protective equipment : Enter information

6.2. Environmental precautions

Dispose of in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Pick up mechanically.
Other information : For waste disposal, see section 13 of the SDS.

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 : Observe good industrial hygiene practices

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

8.2. Appropriate engineering controls

Appropriate engineering controls : General ventilation normally adequate.

Environmental exposure controls : Enter information

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wearing gloves is recommended.

Eye protection:

Not normally needed.

Skin and body protection:

Not normally needed. Handle in accordance with good industrial hygiene and safety practice.

Respiratory protection:

Not normally needed.

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid Cloth pad.
Color : Blue-White
Odor : Not available.
Odor threshold : Not available.
pH : Not available.
Melting point : Not available.
Freezing point : Not available.
Boiling point : Not available.
Flash point : Not available.
Relative evaporation rate (butyl acetate=1) : Not available.
Flammability : Combustible solid.
Vapor pressure : Not available.
Relative vapor density at 20°C : Not available.

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| | |
|---|------------------|
| Relative density | : Not available. |
| Solubility | : Not available. |
| Partition coefficient n-octanol/water (Log Pow) | : Not available. |
| Auto-ignition temperature | : Not available. |
| Decomposition temperature | : Not available. |
| Viscosity, kinematic | : Not available. |
| Viscosity, dynamic | : Not available. |
| Explosion limits | : Not explosive. |
| Explosive properties | : Not explosive. |
| Oxidizing properties | : Not oxidizing. |

9.2. Other information

None

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Material is stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Contact with incompatible materials.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|---|
| Acute toxicity (oral) | : Expected to be a low ingestion hazard. Acute exposures not expected to produce symptomatic response. |
| Acute toxicity (dermal) | : Prolonged and/or repeated skin contact may result in mild irritation or redness. Acute exposures not expected to produce symptomatic response. |
| Acute toxicity (inhalation) | : Not relevant, due to the form of the product. Acute exposures not expected to produce symptomatic response. |
| Skin corrosion/irritation | : Prolonged skin contact may cause temporary irritation. |
| Serious eye damage/irritation | : Direct contact with eyes may cause temporary irritation. |
| Respiratory or skin sensitization | : Not a respiratory sensitizer. This product is not expected to cause skin sensitization. |
| Germ cell mutagenicity | : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity | : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA |
| Reproductive toxicity | : This product is not expected to cause reproductive or developmental effects. |
| STOT-single exposure | : Not classified. |
| STOT-repeated exposure | : Not classified. |
| Aspiration hazard | : Not relevant, due to the form of the product |

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Aquatic Bioassay was conducted using guidelines prescribed in "Static Acute Bioassay Procedure for Hazardous Waste for Samples," result status = pass, 96 hour LC50 > 750 mg/l.

12.2. Persistence and degradability

No data is available on the degradability of this product.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

14.1. UN number

Not regulated as dangerous goods.

14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not regulated as dangerous goods.
Proper Shipping Name (IMDG) : Not regulated as dangerous goods.
Proper Shipping Name (IATA) : Not regulated as dangerous goods.

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not regulated as dangerous goods.

IMDG

Transport hazard class(es) (IMDG) : Not regulated as dangerous goods.

IATA

Transport hazard class(es) (IATA) : Not regulated as dangerous goods.

14.4. Packing group

Packing group (DOT) : Not regulated as dangerous goods.
Packing group (IMDG) : Not regulated as dangerous goods.
Packing group (IATA) : Not regulated as dangerous goods.

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14.5. Environmental hazards

Other information : Not regulated as dangerous goods.

14.6. Special precautions for user

DOT

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

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

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

| | |
|---|----------------|
| TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) | Not regulated. |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) | Not listed. |
| CERCLA Hazardous Substance List (40 CFR 302.4) | Not listed. |
| Superfund Amendments and Reauthorization Act of 1986 (SARA) | |
| Hazard categories | |
| Immediate Hazard - No | |
| Delayed Hazard - No | |
| Fire Hazard - No | |
| Pressure Hazard - No | |
| Reactivity Hazard - No | |
| SARA 302 Extremely hazardous substance | Not listed. |
| SARA 311/312 Hazardous chemical | No |
| SARA 313 (TRI reporting) | Not regulated. |

15.2. US State regulations

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

US. Rhode Island RTK

Not regulated.

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.