



SAFETY DATA SHEET

1. Identification

Product Name	FFPE Human Tissue Block
Product Description	FFPE Section on microscope slides
Supplier's details	Acepix Biosciences, Inc. 32990 Alvarado-Niles Road, Ste 910 Union City, CA, 94587 (888) 866-0580
Emergency Telephone Number	(888) 866-0580
Hours of operation	9am to 5pm Pacific Time (GMT -07:00)

2. Hazard(s) identification

Hazards statement	No hazardous ingredient is present in an amount that requires labeling. The contents of ingredients listed are given below:
Component	Paraffin Wax
CAS#	12-646-113
EC Classification	Not Classified as Dangerous

3. Composition/information on ingredients

The package contains FFPE section on microscope slides. No hazardous ingredient is present in any amount that requires labeling.

Viral testing on human tissues	Non-detected
---------------------------------------	--------------

4. First aid measures

Description of necessary first aid measures

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Inhalation	Remove from exposure, lie down. Move to fresh air. If not breathing, give artificial respiration. Obtain medical attention.
Skin contact	Wash off immediately with soap and plenty of water. Obtain medical attention.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Get medical attention. If possible drink milk afterwards.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	No specific data.
Inhalation	No specific data.
Skin contact	No specific data.
Ingestion	No specific data.

Title: FFPE Human Tissue Block		
Creation Date: 09/25/2018	Revision Date: No previous version	Revision: Rev B

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.
Specific treatments No specific treatment.
Protection of first-aiders No action shall be taken involving any personal risk or without suitable training.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Water spray. Carbon dioxide (CO₂). Dry chemical. Chemical foam.
Unsuitable Extinguishing Media No information
Flash Point 198 °C / 388.4 °F

Explosion Limits

Upper No data available
Lower No data available
Sensitivity to Mechanical Impact No information available
Sensitivity to Static Discharge No information available

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition.

Hazardous Combustion Products

Carbon monoxide (CO) Carbon dioxide (CO₂)

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health 0
Flammability 1
Instability 0
Physical hazards N/A

6. Accidental release measures

Personal Precautions Ensure adequate ventilation. Use personal protective equipment.
Environmental Precautions See Section 12 for additional ecological information.
Methods for Containment and Clean Up Sweep up or vacuum up spillage and collect in suitable container for disposal.

7. Handling and storage

Handling Avoid contact with skin and eyes. Keep away from heat.
Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL (TWA)
Paraffin waxes and Hydrocarbon waxes	TWA: 2 mg/m ³ (Vacated)	TWA: 2 mg/m ³	TWA: 2 mg/m ³	TWA: 2 mg/m ³ STEL: 6 mg/m ³

ACGIH - American Conference of Governmental Industrial Hygienists

Title: FFPE Human Tissue Block		
Creation Date: 09/25/2018	Revision Date: No previous version	Revision: Rev B

OSHA - Occupational Safety and Health Administration
 NIOSH IDLH - The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health

Engineering Measures	None under normal use conditions.
Personal Protective Equipment	
Eye/face Protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory Protection	No protective equipment is needed under normal use conditions.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance	
Physical State	Solid
Color	White to semi-transparent
Odor	Odorless
Odor Threshold	No information available
pH	Not applicable
Melting Point/Range	No information available
Boiling Point/Range	No information available
Flash Point	No information available
Evaporation Rate	Not applicable
Flammability (solid,gas)	No information available
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Solubility	Insoluble in water
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	Not applicable

10. Stability and reactivity

Reactive Hazard	None known, based on information available
Stability	Stable under normal conditions
Conditions to Avoid	Incompatible products
Incompatible Materials	No information available
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO2)
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.

11. Toxicological information

Acute Toxicity
Product/component Information

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Paraffin waxes and Hydrocarbon waxes	LD50 > 3750 mg/kg (Rat)	> 3600 mg/kg (Rabbit)	Not listed

Title: FFPE Human Tissue Block		
Creation Date: 09/25/2018	Revision Date: No previous version	Revision: Rev B

Toxicologically Synergistic Products No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation No information available

Sensitization No information available

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
Paraffin waxes and Hydrocarbon waxes	12-646-113	Not listed	Not listed	Not listed	Not listed	Not listed

Mutagenic Effects No information available

Reproductive Effects No information available

Developmental Effects No information available

Teratogenicity No information available

STOT - single exposure Carbon monoxide (CO), Carbon dioxide (CO2)

STOT - repeated exposure Hazardous polymerization does not occur.

Aspiration hazard None under normal processing.

Symptoms / effects, both acute and delayed No information available

Endocrine Disruptor Information No information available

Other Adverse Effects The toxicological properties have not been fully investigated.

12. Ecological information

Ecotoxicity

Persistence and Degradability Insoluble in water

Bioaccumulation/ Accumulation No information available.

Mobility Is not likely mobile in the environment due its low water solubility.

13. Disposal considerations

Waste Disposal Methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

14. Transport information

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. Regulatory information

All of the components in the product are on the following Inventory lists: X = listed

International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Paraffin waxes and Hydrocarbon waxes	X	X	-	232-315-6	-		X	X	X	X	X

Title: FFPE Human Tissue Block		
Creation Date: 09/25/2018	Revision Date: No previous version	Revision: Rev B

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.

F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

U.S. Federal Regulations

TSCA 12(b) Not applicable

SARA 313 Not applicable

SARA 311/312 Hazard Categories

Acute Health Hazard No

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

CWA (Clean Water Act) Not applicable

Clean Air Act Not applicable

OSHA Not applicable

CERCLA Not applicable

California Proposition 65 This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Paraffin waxes and Hydrocarbon waxes	X	X	X	-	X

U.S. Department of Transportation

Reportable Quantity (RQ) N

DOT Marine Pollutant N

DOT Severe Marine Pollutant N

U.S. Department of Homeland Security This product does not contain any DHS chemicals.

Other International Regulations

Mexico - Grade No information available

16. Other information

Disclaimer

For research use only. Not for clinical, drug, household, or other uses. 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.