

## SAFETY DATA SHEET

## 1. Identification

<b>Product Name</b>	FFPE Cell Pellet Block
<b>Catalog Number</b>	See product label
<b>Chemical Formula</b>	Not applicable
<b>CAS#</b>	Not applicable
<b>Recommended Use</b>	For research use only
<b>Supplier's details</b>	AMS Biotechnology (Europe) Limited 184 Park Drive, Milton Park, Abingdon, Oxon, OX14 4SE, UK
<b>Emergency Telephone Number</b>	+44 (0) 1235 828 200
<b>Hours of operation</b>	8am to 6pm GMT

## 2. Hazard(s) identification

<b>OSHA/HCS status</b>	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains information important to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
<b>Classification</b>	Not classified
<b>GHS label elements</b>	
<b>Signal word</b>	No signal word
<b>Hazard statement</b>	No known significant effects or critical hazards
<b>Precautionary statement</b>	Not applicable
<b>Prevention</b>	Not applicable
<b>Response</b>	Not applicable
<b>Storage</b>	Not applicable
<b>Disposal</b>	Not applicable
<b>Hazard not otherwise classified</b>	None known

## 3. Composition/information on ingredients

<b>Substance/mixture</b>	Mixture
<b>Other means of identification</b>	Not applicable
<b>CAS number/other identifiers</b>	
<b>CAS number</b>	Not applicable
<b>Ingredients</b>	

Ingredient Name	% of weight	CAS Number
Paraffin waxes and Hydrocarbon waxes	60-95%	8002-74-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

## 4. First aid measures

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**Description of necessary first aid measures**

<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
<b>Inhalation</b>	Remove from exposure, lie down. Move to fresh air. If not breathing, give artificial respiration. Obtain medical attention.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Obtain medical attention.
<b>Ingestion</b>	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**

<b>Eye contact</b>	No known significant effects or critical hazards.
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

<b>Eye contact</b>	No specific data.
<b>Inhalation</b>	No specific data.
<b>Skin contact</b>	No specific data.
<b>Ingestion</b>	No specific data.

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

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

**5. Fire-fighting measures**

**Extinguishing media**

<b>Suitable extinguishing media</b>	Water spray. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Chemical foam.
<b>Unsuitable Extinguishing Media</b>	No information
<b>Flash Point</b>	198 °C / 388.4 °F

**Explosion Limits**

<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Sensitivity to Mechanical Impact</b>	No information available
<b>Sensitivity to Static Discharge</b>	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 (CO<sub>2</sub>)

**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**

<b>Health</b>	0
<b>Flammability</b>	1
<b>Instability</b>	0
<b>Physical hazards</b>	N/A

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## 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. Do not breathe dust.

**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 <sup>3</sup> (Vacated)	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> STEL: 6 mg/m <sup>3</sup>

**ACGIH** - American Conference of Governmental Industrial Hygienists

**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

**Vapor Pressure** No information available

**Vapor Density** Not applicable

**Specific Gravity** No information available

**Solubility** Insoluble in water

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**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

**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	8002-74-2	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

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**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

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

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### 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
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## 16. Other information

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### 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.

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