

## FFPE DNA and FFPE RNA Reference Standards

## 1. Identification of the substance and the supplier

Product name	DNA and RNA FFPE Sections
Relevant identified uses of the substance	Laboratory material
Supplier details	Horizon Discovery Ltd. Building 8100 Cambridge Research Park, Waterbeach, Cambridgeshire, CB25 9TL United Kingdom Tel : +44 (0) 1223 655580 Fax: +44 (0) 1223 862240 Email: <a href="mailto:technical@horizondiscovery.com">technical@horizondiscovery.com</a>

## 2. Composition/information on ingredients

Paraffin wax	CAS. #64742-4-34
Polyester wax	CAS. not applicable

## 3. Hazard identification

Substance is not classified as a hazardous substance according to Regulation (EC) No.1272/2008.  
Substance is not classified as dangerous according to Directive 67/548/EEC.  
In accordance with EC directives, the product does not need to be labelled.

## 4. First aid measures

**General information**

No special measures are required.

**If swallowed**

Wash mouth out with water provided person is conscious. Consult a physician in case of complaints.

**In case of skin contact**

Product does not irritate skin. Wash thoroughly with soap and water as a precaution.

**In case of eye contact**

Flush eyes with physiological saline or water as a precaution.

**If inhaled**

Move person to fresh air. Consult a physician in case of complaints.

## 5. Fire-fighting measures

**Suitable extinguishing media**

Use water spray, CO<sub>2</sub> or dry powder.

**Special hazards arising from the substance**

None known.

**Protective equipment**

No special measures required.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**  
None required.

**Environmental precautions**

No special measures required.

**Methods of containment and cleaning up**

Absorb with damp cloth and place in a closed container for disposal.  
Wash spill site after material pickup is complete.

**Reference to other sections**

For disposal see section 13

## 7. Handling and storage

**Precautions for safe handling**

No special measures required.

**Storage**

Keep vial tightly closed. Store at 4°C.

**Specific end use(s)**

No data available.

## 8. Exposure controls/personal protection

**Control parameters**

Contains no substances with occupational exposure limit values.

**General precautions**

The usual precautionary measures should be adhered to when handling materials. Wash hands thoroughly after use.

**Respiratory protection**

Not required.

**Skin protection**

Handle with chemical-resistant gloves.

**Eye protection**

Use chemical safety goggles.

## 9. Physical and chemical properties

**Appearance**

<b>Physical State</b>	Solid
<b>Colour</b>	White
<b>pH</b>	No data available
<b>Melting point/Boiling point</b>	50-60°C
<b>Flashpoint</b>	No data available
<b>Explosive properties</b>	Product does not present an explosive hazard
<b>Oxidising properties</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Relative density</b>	No data available
<b>Water Solubility</b>	Not soluble in water
<b>Fat Solubility</b>	No data available

## 9. Physical and chemical properties continued

<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Viscosity</b>	No data available
<b>Vapour density</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Other information</b>	No other relevant information is available

## 10. Stability and reactivity

### Stability

Stable

### Conditions to avoid

No data available.

### Materials to avoid

No dangerous reactions known.

### Hazardous decomposition products

No dangerous decomposition products known.

### Possible hazardous reactions

No dangerous reactions known.

## 11. Toxicological information

<b>Acute toxicity</b>	No data available.
<b>Corrosivity/irritation</b>	No data available.
<b>Respiratory/skin sensitisation</b>	No sensitising effects known
<b>Repeated-dose toxicity</b>	No data available.
<b>Mutagenicity</b>	No data available.
<b>Carcinogenicity</b>	No data available.
<b>Reproductive toxicity</b>	No data available.
<b>Specific target organ toxicity</b>	No data available.
<b>Potential health effects</b>	
<b>Ingestion</b>	May be harmful if swallowed
<b>Skin contact</b>	No irritant effect known
<b>Eye contact</b>	May cause eye irritation
<b>Inhalation</b>	May cause respiratory tract irritation

## 12. Ecological information

<b>Toxicity</b>	No data available.
<b>Mobility</b>	No data available.
<b>Persistence and degradability</b>	No data available.
<b>Bioaccumulative potential</b>	No data available.
<b>Other adverse effects</b>	No data available.

## 13. Disposal considerations

Contact a licensed professional waste disposal service and dispose of by incineration.  
Observe all federal, state and local environmental regulations.

## 14. Transport information

Product is non-hazardous for transport.

## 15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### Health, safety and environmental regulations/legislation specific for the substance or mixture

No data available.

### Chemical Safety Assessment

No data available

## 16. Other information

Horizon Discovery Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product. To the best of our knowledge the information in this document is correct.