



The Irwin Centre
Scotland Rd, Dry Drayton
Cambridge
CB23 8AR

Tel: +44 (0)1954 210200 Fax: +44 (0)1954 210300

support@cambio.co.uk www.cambio.co.uk

SAFETY DATA SHEET

Product Name: Star*FISH™ Chromosome paints

Also known as: Chromosome paints, probes, centromeric probes, telomeric probes, whole chromosome paints, pan paints, MFISH, RainbowFISH™, HarlequinFISH™, Cocktails, Paint Box

Catalogue Nos: (all products NB some no longer available as of end 2010)

1066-	1187-	CA-1600	1696-
1083-	1189-	CA-1601	1697-
1088-	1200-	CA-1611	CPBR-
1094-	1218-	CA-1613	CA-1699
1695-	1219-	CA-1624-	1703
1125-	1253-	CA-1631	CA-1704
1153-	1490-	CA-1685	CA-1706
1154-	1513-	1695-	1702-
CA-1237	CA-1271	CA-1722	CA-1719

Product Description:

This preparation of DNA is stored as a solution in formamide (<50%) plus PBS buffer, pH 8.0, containing polyvinylpyrrolidone, ficoll and protein.

This product has been specifically tested by the producer and found to be safe, but all such products should be handled as if potentially infectious and a hazard to the end user. Only properly trained users with the appropriate experience should handle these products in facilities suitable equipped for the purpose. Note: DNA has been found to be infectious by skin adsorption.

Form: liquid
Colour: colourless (biotin)
Pale yellow (FITC)
Pink (Cy3)
Odour: slight odour of formamide (mice).

Summary:

Consideration of the composition of this product indicates that it could be infectious and therefore constitutes a potential health hazard.

Physico-chemical data:

Boiling Point (°C) 100°C

Specific gravity 1g/ml

pH (value) 8.0

Solubility (water) soluble

Stability/Reactivity:

Hazardous reactions none

Storage:

Storage temperature -20°C

Shelf life 12 months under recommended conditions

This product should be stored at -20°C or less whilst in not in use. Repeated freeze-thaw cycles should be avoided, and aliquots should be prepared if repeated use is envisaged.

Handling:

This product has not been viability tested. It should be treated as if it were infectious using the appropriate Good Laboratory Practice and experienced staff with appropriate training.

Personal Protection:

Use suitable protective clothing, mask and latex gloves.

Spillage/accidental release:

Wash the spillage clean with water.

Waste disposal:

Dispose in accordance with local and national legislation as appropriate.

First aid measures:

Treat symptomatically.

Fire and explosion:

Non-combustible.

Extinguishing media use extinguishing media appropriate to surrounding fire conditions.

Health hazard: toxicity data:

When diluted, as in normal use, no significant adverse effects occur. Ingestion, inhalation and skin and eye contact should be avoided by employing good standard of laboratory hygiene. Long term exposure: no information available.

Environmental information:

Environmental fate and distribution: by considering the small amounts involved and the low stability of the substances in this product, it is unlikely that significant environmental exposure in the air, soil or water will arise.

Regulatory information:

User Not classified.

Transport Not classified as hazardous for transport.

Other information:

For other technical information, contact the address on page one.

Note:

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy themselves of the suitability for their own particular purpose.

Accordingly, Cambio gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that such exclusion is prevented by law. Freedom under Patent Copyright and Designs cannot be assumed.
