

# MATERIAL SAFETY DATA SHEET

## Bacterial DNA Products

**Material Safety Data Sheet for:**

National Collection of Type Cultures (NCTC) bacterial DNA products.

**Review date:** 17.02.2023

**Issued to:** Users of UKHSA NCTC DNA products.

**Access:** Document to be downloaded from Culture Collections website  
[www.culturecollections.org.uk](http://www.culturecollections.org.uk)

Culture Collections  
UK Health Security Agency  
Porton Down  
Salisbury  
SP4 0JG  
UK  
Telephone: +44 (0) 1980 612512  
[www.phe-culturecollections.org.uk/contactus](http://www.phe-culturecollections.org.uk/contactus)

## 1. Identification of the substance/mixture and of the company/undertaking

**Product name:** DNA extracted from heat inactivated bacterial cultures.

Refer to the relevant cell line data entry on the Culture Collections website:

[www.phe-culturecollections.org.uk](http://www.phe-culturecollections.org.uk)

**Contact:** Culture Collections  
UK Health Security Agency  
Porton Down  
Salisbury  
SP4 0JG, UK  
Telephone (working hours): +44 (0)1980 612512  
Telephone (out of hours): +44 (0)1980 612100  
[www.phe-culturecollections.org.uk/contactus](http://www.phe-culturecollections.org.uk/contactus)

## 2. Hazards Identification

**Physico-chemical hazard:** Not applicable

**Health hazard:** This product has been extracted from heat inactivated bacterial cultures. The heat inactivation step has been extensively validated and as such this product is not regarded as infectious. Good laboratory practise should however be employed when handling this product.

**Environmental hazard:** Not applicable

## 3. Composition/information on ingredients

DNA extracted from heat inactivated bacterial cultures. DNA products are supplied dehydrated in 1.5ml plastic vials.

## 4. First aid measures

If accidental contact with material occurs, laboratory staff must follow local first aid procedures that are normally applied following exposure to such material.

## 5. Fire-fighting measures

Not applicable

## 6. Accidental release measures

Local risk assessments should be in place prior to purchasing and handling NCTC DNA products. As a guide: wear suitable gloves and a laboratory coat when working with the product.

## **7. Handling and storage**

The dehydrated product should be stored at 4 - 10°C prior to opening. Once resuspended with in a suitable liquid (Molecular biology grade water or TE Buffer) this product maybe stored at either 4°C or -20°C depending on frequency of use.

## **8. Exposure controls / personal protection**

Use good laboratory practice and wear appropriate laboratory coats, protective eye wear and gloves.

## **9. Physical and chemical properties**

Inert, odourless, dehydrated product.

## **10. Stability and reactivity**

Reactivity Data: Stable

## **11. Toxicological information**

Not applicable

## **12. Ecological information**

Not applicable

## **13. Disposal considerations**

Follow all national, regional and local regulations.

## **14. Transport information**

This product is not regarded as infectious and is therefore is not covered by the IATA Dangerous Goods Regulations.

## **15. Regulatory information**

This material is considered non-infectious however, this safety data sheet does not constitute the user's own assessments of workplace risk as required by Health and Safety legislation.

Note that users should be aware of and compliant with The Schedule 5 to the Anti-terrorism, Crime and Security Act listing the requirements for pathogens and toxins that could be used in an act of terrorism to endanger life or cause serious harm to human health.

## **16. Other information**

For further safety information concerning this product, users are advised to read the instruction sheets available from the website: [www.phe-culturecollections.org.uk](http://www.phe-culturecollections.org.uk)