NCPV
National Collection of Pathogenic Viruses
Operated by Public Health England

MATERIAL SAFETY DATA SHEET

This MSDS has been written in accordance with the European Union Council Directive 98/24/EC of 7th April on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual directive within the meaning of Article 16(1) of the Directive 89/391/EEC). Commission Directive 2001/58/EC of 27th July 2001 amending for the second time Directive 91/155/EEC defining and laying down the detailed arrangements for the system of information relating to dangerous preparations in implementation of Article 14 of the European Parliament Directive 1999/45/EC and relating to dangerous substances in Implementation of Article 27 of Council Directive 67/548/EEC (safety data sheets).

1. Identification of the product and the establishment

Product Name: Viral DNA

NCPV Catalogue Number: Various

Volume: 1 ml

Contact:

Culture Collections
Public Health England
Porton Down, Wiltshire
United Kingdom. SP4 0JG
Telephone +44 (01980) 612512
Fax + 44 (01980) 611315
Email: culturecollections@phe.gov.uk

2. Physical and Chemical properties and information on ingredients

Appearance:	Clear liquid.
Solid/liquid/gas:	Frozen liquid.
Additional Components:	Buffer AE (Qiagen) containing 10 mM Tris·Cl, 0.5 mM EDTA. Cellular DNA may also be present.
Other Properties:	None

3. Hazards identification

Biological hazards

This material is extracted from an ACDP Hazard Group (Bio-safety level) 2 virus. There is no evidence that it is infectious, but should be handled using standard microbiological practices. A laboratory coat, latex or nitrile gloves, and eye protection should be worn.

The relevant Data Sheet includes any specific instructions that may pertain to the biohazard potential of this pathogen and that should be considered by the user when performing a risk assessment.

Health Effects:

Eyes: Not known.
Skin: Not known.
Ingestion: Not known.
Inhalation: Not known.

Physical Hazards
Shipping container contains dry ice so packages should be stored in well ventilated areas.

This sheet does not constitute an assessment as required by the Control of Substances Hazardous to Health Regulations 2002 (as amended). The information contained in this publication is given in good faith and is accurate to the best of our knowledge.

4. First aid measures

If accidental contact with material occurs laboratory staff must follow the local first aid procedures that are normally applied.

Eyes: Irrigate with physiological saline or water. Seek medical advice immediately.
Skin: Wash thoroughly with soap and water. Seek medical advice immediately.
Ingestion: Seek medical advice immediately.
Inhalation: Seek medical advice immediately.

5. Fire fighting measures

Extinguisher medium: N/A
Unsuitable Extinguisher medium: N/A
Protective equipment for fire fighting: N/A

6. Accidental release measures

Personal precautions: Avoid direct contact with the material. Do not open the primary containers unless authorized to do so. Wear a laboratory overall, disposable protective gloves and safety glasses.

Environmental precautions: If spillage occurs place absorbent material over the spillage prior to cleaning and disposal. See your local risk assessment for additional information.

7. Handling and storage

Personal protective equipment comprised of laboratory coat, disposable protective gloves and safety glasses should be worn when handling (opening outer packaging). Primary packaging should be opened within a laboratory whilst wearing personal protective equipment.

Shipping container contains dry ice so packages should be stored in well ventilated areas.

Detailed discussions of laboratory safety procedures are provided by the UK Health and Safety Executive in the publication "Biological agents: Managing the risks in laboratories and healthcare premises".

8. Exposure controls/personal protection

Engineering control measures:	Personal protective equipment comprised of laboratory coat, disposable gloves and safety glasses should be worn.
Respiratory protection:	Avoid aerosol production and inhalation.
Hand Protection:	Wear protective gloves at all times.

Eye protection: Wear safety glasses at all times.

9. Stability and reactivity

Reactivity data: Stable.
Conditions to avoid: Exposure of package to direct heat.
Hazardous decomposition products: Dry ice will sublime to gaseous carbon dioxide.

10. Toxicological information

Not Known.

11. Ecological information

Mobility: N/A
Persistence / degradability: N/A
Bioaccumulation: N/A
Ecotoxicity: N/A

12. Disposal considerations

Follow all national, regional and local regulations. The UK Environmental Protection Act 1990 applies.

13. Transport Information

Additional information arising from the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007:
UN no: 1845 and 3373
Package Instruction: PI 650

Shipping container contains dry ice.

14. Regulatory information

This material is not covered by UK or international legislation.

15. Further information

It is recommended that persons using this substance or material are fully acquainted with the hazards/safety in use procedures before handling. This data sheet does not constitute an assessment as required by the Control of Substances Hazardous to Health Regulations 2002 (as amended). The information contained in this publication is given in good faith and is accurate to the best of our knowledge and belief.

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The copy of a signed MSDS form must accompany every product on first supply and any important changes notified to recipients up to 2 years following supply.

Completed by NCPV representative:	**Checked by Divisional Safety Officer:**
Name: Karen Buttigieg	**Name:** Ros PACKER
Signature:	**Signature:**
Date: 9/3/16	**Date:** 14.3.16