



SAFETY DATA SHEET

HUMAN PAPILOMA VIRUS/CALRETICULIN PLASMID DNA (4a-CRT/E7 (DETOX)) COATED GOLD

Reference: PowderMed DNA vaccine – Plasmid DNA/gold/TA201.5 formulation
Revised on: 08-Jun-05
Written/revised by: P Laidler

1. IDENTIFICATION

Name: PowderMed DNA vaccine containing Human papilloma virus/calreticulin plasmid DNA (4a-CRT/E7 (detox)) coated gold
Plasmid: pNGVL4a-CRT/E7 (detox) DNA plasmid
Supplier: PowderMed Ltd
4 Robert Robinson Avenue
The Oxford Science Park
Oxford OX4 4GA
Emergency Phone No. 01865 501500

2. COMPOSITION/INFORMATION ON INGREDIENTS

Description: Microparticulate gold coated with 2 micrograms of plasmid DNA per mg and trace amounts of trehalose, EDTA and tetra-arginine.
Classification: Group 1 Biological Hazard Group, Bio-safety level 1)

3. HAZARD IDENTIFICATION

*Caution. Avoid contact and inhalation. **Experimental** product – hazards unknown. Until toxicological data is available handle with caution following the principles of good occupational safety and hygiene.*

4. FIRST AID MEASURES

If ingested wash out mouth with water. Do not induce vomiting. If any material comes in contact with skin or eyes it should be removed by rinsing with plenty of water. Seek medical attention.

5. FIRE FIGHTING MEASURES

N/A

6. ACCIDENT RELEASE MEASURES

Spray with liquid to reduce airborne particulates. Spillages should be treated with neat Decon 90 and then mopped up with disposable absorbent material (e.g. paper towels) which is then autoclaved or incinerated prior to disposal. Gloves and eye protection must be worn when doing this. Decon 90, like most strong detergents, is a severe eye irritant.

7. HANDLING AND STORAGE

The product is normally sealed in containers that are safe to handle. In the event of breakage or leakage, wear gloves and eye protection. When handling powders minimize the generation of airborne particulates.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

When handling powders wear a lab coat, gloves and eye protection. All broken skin should be adequately covered before handling samples. Do not ingest or inject.

For powders in pre-packaged cassettes no exposure control is required

9. PHYSICAL PROPERTIES

Appearance:	Gold coloured powder in a pre-packaged cassette
Odour:	None
Specific gravity:	Not known
Boiling point/boiling range:	N/A
Melting point:	N/A
Flash point:	N/A
Solubility (water):	Not known
Other data:	None

10. STABILITY AND REACTIVITY

Stability:	Not determined
Conditions to avoid:	Heat and strong light
Materials to avoid:	N/A
Hazardous decomposition products:	None

11. DISPOSAL

Dispose of with excess detergent. Flush away with copious amounts of water.

12. TRANSPORT INFORMATION

Do not expose to heat. Protect from light.

13. LABELLING INFORMATION (REGULATORY INFORMATION)

1. Identity
2. Unique identifier (i.e. batch number)
3. Manufacturing/filling date
4. Storage conditions

14. REGULATORY INFORMATION

CAUTION: SUBSTANCE NOT YET FULLY TESTED.

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DO NOT BREATHE DUST

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AVOID CONTACT WITH SKIN AND EYES



15. OTHER INFORMATION

This material is supplied to you for testing or non-Human experimental use only. It is not licensed or approved for administration to Humans or to animals other than experimental animals.

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