

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & COMPANY UNDERTAKING

PRODUCT NAME *BIOKITS PCR Mastermix Pod Sheep*

| | |
|-------------------|---|
| Catalogue No | 503095F |
| Address/ Phone No | Tepnel <i>BioSystems</i> Ltd 1 Newtech Square Deeside Industrial Park Flintshire CH5 2NT United Kingdom Telephone +44 (0) 1244 280202 |

2. COMPOSITION/INFORMATION ON INGREDIENTS

| | |
|----------------------|--|
| Chemical composition | Mixture of Oligonucleotides in a trizma buffer. Contains Cresol red <30% |
|----------------------|--|

| | |
|--------|--|
| CAS No | None assigned for the product |
| EC No | None assigned for the product |
| Use | For the qualitative detection of OVINE DNA in foodstuffs. For professional use only. |

| HAZARDOUS INGREDIENT(S) | CAS No | Symbol | R Phrases |
|-------------------------|--------|--------|-----------|
|-------------------------|--------|--------|-----------|

Contains no Hazardous Ingredients 91/155/EEC (93/112/EC)

3. HAZARDS IDENTIFICATION

Consideration of the composition of this product indicates that it does not present a significant health hazard to users.

Unlikely to cause harmful effects under recommended conditions of handling and use.

4. FIRST-AID MEASURES

| | |
|--------------|--|
| Inhalation | Unlikely route of exposure |
| Skin Contact | Remove contaminated clothing. Wash skin immediately with water. If symptoms (irritation or blistering) occur obtain medical attention. |
| Eye contact | Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention. |

| | |
|---------------------------|--|
| Ingestion | If swallowed seek medical advice immediately. Wash out mouth with water and give 200-300mL of water to drink |
| Further Medical treatment | Symptomatic treatment and supportive therapy as indicated. |

5. FIRE FIGHTING MEASURES

| | |
|------------------------------------|---|
| Non-flammable | |
| Extinguishing Media | As appropriate for surrounding fire |
| Fire fighting protective equipment | A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions |

6. ACCIDENTAL RELEASE MEASURES

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|-----------------|---|
| | Ensure suitable personal protection during removal of spillages. |
| Small spillages | Treat the product as water. Measures for dealing with spillages should be consistent with those employed for laboratory chemicals Wash the spillage area with water. |

7. HANDLING AND STORAGE

| | |
|---------------------|---|
| HANDLING | Ensure adequate ventilation. Avoid contact with skin and eyes. Wash hands after use. When using do not eat or drink |
| STORAGE | Keep in a cool place |
| Storage temperature | -20 °C |
| Storage Life | Total storage life at recommended conditions 18 months |

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

| | |
|------------------------------|--|
| Respirators | Not applicable |
| Eye protection | Splash proof goggles or safety glasses |
| Gloves | Latex or other light weight gloves |
| Other | Lab coat |
| Occupational exposure limits | Non set |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------|--|
| | There are no unusual properties. The product's characteristics are very similar to water |
| Form | Liquid |
| Colour | Pink |
| Odour | Odourless |
| pH (Value) | 8.0 |
| Boiling point (°C) | 100 |
| Flash Point (°C) | Not Applicable |
| Flammable limits | Not Applicable |

| | |
|--------------------------------|----------------|
| Auto Ignition Temperature (°C) | Not Applicable |
| Specific gravity | 1.0 |

10. STABILITY & REACTIVITY

Stable

| | |
|----------------------------------|---|
| Hazardous reactions | Incompatible materials: None known Hazardous polymerisation will not occur |
| Hazardous Decomposition Products | Carbon monoxide, carbon dioxide, nitrogen oxides, phosphorous oxides |

11. TOXICOLOGICAL INFORMATION

| | |
|--------------------|---|
| Inhalation | Unlikely route of exposure |
| Skin contact | Unlikely to cause harmful effects under recommended conditions of handling and use. The only likely symptom would be a local reaction, such as reddening or inflammation, after accidental injection of this product |
| Eye contact | Unlikely to cause harmful effects under recommended conditions of handling and use. May cause eye irritation. May cause inflammation of conjunctiva and cornea. |
| Ingestion | Unlikely to cause harmful effects under recommended conditions of handling and use |
| Long term exposure | Unlikely to cause harmful effects under recommended conditions of handling and use |

12 ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not classified as Dangerous for Transport

15. REGULATORY INFORMATION

Not classified as Dangerous for Supply/Use

16. OTHER INFORMATION

This data sheet is prepared in accordance with Directive 91/155/EEC (93/112/EC).

The information and recommendations in this data sheet are to the best of our knowledge, information and belief accurate at the date of issue. Nothing herein is to be construed as a warranty, expressed or implied. In all cases it is the responsibility of the users to determine the applicability, of such information or the suitability of the products for their own particular purpose.
