

### SAFETY DATA SHEET

This Safety Data Sheet (SDS) complies with the requirements of Annex II of Regulation (EC) No. 1907/2006 of the European Parliament and of the Council and subsequent amendments

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

### 1.1 Product Identifier

Product Name	Catalogue Number
Free-Dried Reference Serum	CR300
Freeze-Dried Negative Reference Serum	CR400

### 1.2 Use of the substance/ preparation

Reference Serums can be used for monitoring day-to-day variation in poultry ELISAs.

Not for use in humans or animals.

### 1.3. Details of the supplier of the safety data sheet

**BioChek (UK) Limited**

Unit 5 Kings Ride Park

Kings Ride

Ascot

Berkshire

SL5 8BP

Tel: +0044 (0)208 893 3000 (operating hours 09.00-17.00 GMT)

### 1.4. Emergency Telephone

Tel: +0044 (0)208 893 3000 (operating hours 09.00-17.00 GMT)

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## SECTION 2: Hazard Identification

### 2.1 Classification of the substance or mixture

Classification under CLP: Not classified.

Most important adverse effects: Not applicable.

### 2.2 Label Elements

REGULATION (EU) 1272/2008

None.

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## SECTION 3: Composition/ information on ingredients

No components need to be disclosed according to the applicable regulations.

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## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled

If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/ or section 11.

**4.3 Indication of immediate medical attention and special treatment needed**

No data available.

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Use water spray, alcohol-resistant foam, dry powder or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides, Nitrogen oxides, Sodium oxides.

**5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**5.4 Further information**

No data available.

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment (see section 8).

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter the drains. Discharge into the environment must be avoided.

**6.3 Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Avoid contact with skin and eyes. For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Storage temperature 2-8°C.

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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**SECTION 8: Exposure controls/ personal protection****8.1 Control parameters****Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure Controls****Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

**Personal protective equipment****Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body protection**

Long sleeved clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

While handling according to the intended use no respiratory protection is necessary.

### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

	CR300	CR400
Physical State	Freeze-dried serum	Freeze-dried serum
Colour	White	White
Odour	No data available	No data available
pH	No data available	No data available
Boiling Point	No data available	No data available
Freezing point	No data available	No data available
Flammability	Not Applicable	Not Applicable
Upper/ lower explosion limit/ flammability limit	Not Applicable	Not Applicable
Flash point	Not Applicable	Not Applicable
Auto-ignition temperature	Not Applicable	Not Applicable
Decomposition temperature	Not Applicable	Not Applicable
Viscosity	No data available	No data available
Solubility	Soluble	Soluble
Partition coefficient n-octanol/ water	No data available	No data available
Vapour pressure	No data available	No data available
Density	No data available	No data available
Relative vapour density	No data available	No data available
Particle characteristics	No data available	No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable until expiry date under storage conditions detailed on labels.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

No data available.

**10.5 Incompatible materials**

No data available.

**10.6 Hazardous decomposition products**

No data available.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

**Specific target organ toxicity – single exposure**

No data available

**Specific target organ toxicity – repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional information**

RTECS: Not available

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and biodegradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

These substances/mixtures contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effect

None reported.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Empty containers or liners may retain some product residues. This material and its container must be disposed of in according to approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

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## SECTION 14: Transport information

### 14.1 UN number

Not applicable

### 14.2 UN proper shipping name

Not applicable

**14.3 Transport hazard classes**  
Not applicable

**14.4 Packaging group**  
Not applicable

**14.5 Environmental hazards**  
Not applicable

**14.6 Special precautions for user**  
Not applicable

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## SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.2 Chemical safety assessment**  
No Chemical safety assessment has been carried out.

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## SECTION 16: Other information

### Abbreviations:

STEL Short-term exposure limit  
TWA Time-weighted average  
RTECS The Registry of Toxic Effects of Chemical Substances  
IARC Internation Agency for Research on Cancer  
PBT Persistent, bioaccumulative and toxic  
vPvB Very persistent and very bioaccumulative

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PUPOSE"